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# Vaughan's Book for Florists

SPRING=1922



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# VAUGHAN'S HIGH-GRADE FERTILIZERS

Prices for Florists F. O. B. New York on ton lots. Cartage charged on smaller quantities.  
The Yield and Quality of Vegetables Depend Upon Continuous and Rapid Growth

It has been demonstrated that market-garden crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. Any delay in the growth of a lettuce or radish causes that sharp and pungent flavor of the former and the bitterness and toughened fibre of the latter, beets become stringy, etc. Plant food of the right amount and kind controls the yield and quality of market-garden products more than

any other condition, and it is neither wise nor economical to depend upon the natural condition of the soil or the application of stable manure only for profitable crops.



NOTE REDUCED PRICES THIS SPRING

## VAUGHAN'S "ROSE GROWER" BONE MEAL.

This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Ammonia 4½ to 5½ per cent; total phosphoric acid, 22 to 25 per cent; bone phosphate, 48 to 54 per cent. Price, 5 lbs., \$0.50; 10 lbs., \$0.85c; 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$4.75; 500 lbs., \$22.00; 1000 lbs., \$50.00; 2000 lbs., \$75.00.

**Quantity Required.**—For permanent pasture and mowing lands ½ to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1000 to 1500 lbs. per acre; rose beds and plants, 1 part to about 50 of soil; for starting a new lawn, as a base, 3 to 5 lbs. per 100 square feet.

**REGULAR BONE MEAL.** 25 lbs., \$1.15; 50 lbs., \$2.00; 100 lbs., \$3.50; 500 lbs., \$16.00; 1000 lbs., \$30.00; 2000 lbs., \$56.00.

## VAUGHAN'S SHEEP MANURE

This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary.

Price, 25 lbs., \$1.25; 50 lbs., \$1.85; 100 lbs., \$3.00; 500 lbs., \$14.50; 1000 lbs., \$27.00; 2000 lbs., \$50.00.

## NITRATE OF SODA or Chili Saltpeter.

Nitrate of Soda is not a substitute for other Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Gardeners who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. If your object is to grow maximum crops you must furnish the plant with Nitrogen.

For the Home Garden apply as a solution one ounce to two gallons of water. Price (subject to market changes) 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50; 500 lbs., \$22.00; 1000 lbs., \$40.00. Write for prices on larger quantities.

## MURIATE OF POTASH.

Potash is essential in all soils for indoor and outdoor plants. This is the best form in which to apply it. Price, 25 lbs., \$2.50; 50 lbs., \$4.50; 100 lbs., \$8.00; 500 lbs., \$37.50; 1000 lbs., \$70.00.

## SHREDDED CATTLE MANURE.

An efficient high-grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pen. Price, 100 lbs., \$3.00; 500 lbs., \$14.50; 1000 lbs., \$27.00; 2000 lbs., \$50.00.

## SULPHATE OF AMMONIA

Used for its Nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil, or 3 gallons of water. Price, 25 lbs., \$2.25; 50 lbs., \$4.00; 100 lbs., \$7.50; 500 lbs., \$35.00.

## THOMPSON'S "SPECIAL" TOP DRESSING Chrysanthemum Manure

An excellent stimulating manure for top dressing for Chrysanthemums and similar plants. It is entirely soluble and very powerful, especially suitable for top dressing plants in pots during the growing season. Price, 7 lbs., \$1.10; 14 lbs., \$1.75; 28 lbs., \$3.25; 56 lbs., \$6.00.

## THOMPSON'S VINE PLANT AND VEGETABLE MANURE

So compounded as to combine stimulating with lasting effects. A safe and reliable Food and Stimulant for every fruit-bearing plant, for Foliage and Flowering Plants, for Vegetables and out-door Plants of every description; admirably adapted for mixing with the soil when potting in the proportion of 4 lbs. to each wheelbarrow of soil. Price, 14 lbs., \$1.50; 28 lbs., \$2.75; 56 lbs., \$5.00; 112 lbs., \$9.00.

**PURE ICHTHEMIC GUANO.** An Ideal Plant Food, that exactly fulfills all the requirements of Plants and Flowers, Fruit and Vegetables in a well-balanced form.

**DIRECTIONS FOR USE.**—(1) In the dry state, 1 to 2 ounces to the square yard of ground. (2) In liquid state, a tablespoonful to a gallon of water in the case of pot plants, about three times a week. (3) In a dry state mix with soil, when potting, 1 part to 100 parts of soil.

Imported in original bags of 112 lbs. each. 28 lbs., \$2.50; 56 lbs., \$4.25; 112 lbs., \$8.00.

**CLAY'S FERTILIZER.** This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. It should also be used in potting soil as a top-dressing. Price, 7 lbs., \$1.10; 14 lbs., \$2.00; 28 lbs., \$3.50; 56 lbs., \$6.50; 112 lbs., \$12.00.

**SCOTCH SOOT.** (Genuine Imported.) Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. Price, 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00; 500 lbs., \$22.50.

**IMPORTANT.** The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

We are not responsible for loss of weight, due to evaporation, of imported fertilizers.

## FERTILIZER MIXTURE 5-8-7 Per Cent Analysis

This is our best brand of concentrated manure; excellent for mixing into potting soil or as a top dressing. It is a money-maker. For potting soil, use about 20 pounds to a cubic yard of soil, and for the dressing scatter it about as thick as lawn grass is sown, after loosening the surface of the soil. It is excellent for Carnations if applied by the end of October or in November. It can also be applied as a liquid manure by using an 8-inch potful to a barrel of water. 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00; 500 lbs., \$18.00; 1000 lbs., \$34.00; 2000 lbs., \$64.00.



## BONE, BLOOD AND POTASH

Price, 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00; 500 lbs., \$18.00; 1000 lbs., \$34.00; 2000 lbs., \$64.00.

## FERTILIZER MIXTURE 2-8-1

For fruit trees and small fruits, garden truck, tobacco, etc. Quick in starting, lasting in effect, giving firm, healthy growth and developing the fruit. Quantity of pounds to be used per acre: Beet, 500 to 1500; Carrot, 300 to 800; Parsnip, 400 to 1000; Potato, 500 to 1000; Sage, 200 to 600; Salsify, 500 to 1000; Turnip, 500 to 1000; Blackberries, 400 to 800; Grapes, 400 to 500; Strawberries, 500 to 1000.

Price, 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00; 500 lbs., \$18.00; 1000 lbs., \$34.00; 2000 lbs., \$64.00.

**DRIED BLOOD.** For Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops use 300 to 500 lbs. per acre.

Price, 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00; 500 lbs., \$18.00; 1000 lbs., \$34.00; 2000 lbs., \$64.00.

**BONE AND BLOOD.** For Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops use 300 to 500 lbs. per acre.

Price, 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00; 500 lbs., \$18.00; 1000 lbs., \$34.00; 2000 lbs., \$64.00.

**HORN SHAVINGS.** A quick-acting and lasting fertilizer for all bench and pot plants. Price, 25 lbs., \$2.25; 50 lbs., \$4.00; 100 lbs., \$7.00; 500 lbs., \$32.00.

**HUMUS "Hyper Humus" Brand.** Packed in 100-lb. wooden cases which we have found the only satisfactory container. Price, per case, \$3.50; 5 cases, \$3.25 each.

**PULVERIZED LIMESTONE.** The agricultural value of lime has been known for centuries; it is an economic neutralizer for soil acidity, also beneficial to the soil in many other ways; it improves the texture of the soil, lets in air and moisture liberates nitrogen and other plant food, makes your soil sweet—enlivens it—that is, makes conditions favorable to plant growth by giving life to the soil bacteria which make it productive. Lime will be found very beneficial in the growing of all garden crops, fruit trees and flowers. Try it on the lawn too. Apply after the land is plowed or dug for a crop, scattering with a lime distributor, 2 tons or more per acre, or by hand in small gardens—about a large handful to a square yard. Packed in cotton sacks—not paper.

Price, 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$1.75; 500 lbs., \$6.50; 1000 lbs., \$10.00; 2000 lbs., \$18.00.



PANAMA-PACIFIC EXPOSITION

# Terms of Business

Please read carefully the following instructions and rules before ordering. Those who are explicit in all details when ordering, save much of our time and their own in avoiding correspondence regarding orders, and receive prompt shipments.

ALL PRICES SUBJECT TO CHANGE.

SAN FRANCISCO  
1915

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Perishable Stock, Plants, etc., are POSITIVELY not sent C.O.D.

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**INSURANCE.** We insure all orders for seeds for \$2.00 and over at buyer's expense, unless instructed not to do so.

Please give explicit instructions when ordering.

**REMEMBER:** "Little omissions make great errors," and kindly give us in EACH ORDER the correct names, sizes, grades and prices of the stocks you order from this catalogue, and the routing, the name of the railroad company, shipping date and like details. This prevents misunderstandings.

**FIRST ORDERS** from all firms not having an account with us should come with cash remittance to cover same, from which deduct 2 per cent. (Don't forget to add postage if ordered by mail).

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All "Holiday Stocks" are sold strictly on cash terms.

**IMPOSSIBLE TO GUARANTEE CROPS.** We do not warrant in any way, expressed or implied, the contents, or the description, purity, productiveness, or any other matter of any seeds, bulbs or plants, sold by us, and we will not in any way be responsible for the crop. If the customer does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions and by reason thereof, we make our sales at the moderate prices quoted in our catalogue.

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**ADVANCE ORDERS** for bulbs or seeds not yet grown or harvested are subject to pro rata delivery in case of short crop.

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# FLOWER SEED NOVELTIES

## BALL'S WHITE ASTER



BALL'S  
WHITE  
ASTER

THE seed of this splendid Giant Aster of the Late Branching type—the product of twelve years' selection to develop the ideal of a perfectly double flower, of flawless color—was offered in 1921 for the first time.

In the Fall of 1908, George J. Ball, a Sweet Pea and Aster specialist, selected a plant among his Late Branching White Asters on which the flowers were solidly double, so much so that from eight to ten flowers only fifty seedlings were grown the following year. It has been grown and the seed carefully selected every season since.

The flowering season comes between the Royal and Late Branching types, filling in between the early and late glut of flowers. It grows to a medium height with full, distinctively centered blossoms, ideally formed for long distance shipping.

The seed of this Aster is about two-thirds the size of ordinary varieties. Price,  $\frac{1}{8}$  oz., 75c;  $\frac{1}{4}$  oz., \$1.35; oz., \$5.00.

**ASTER.** *American Beauty Carmine-Rose.* 2½ ft. Is similar in type of flower and growth to the well-known Late Branching Asters, but differs in that all the large blossoms are produced on much longer and heavier stems. The flowers are fully double to the last and are a most lovely shade of bright carmine-rose. Trade pkt., 25c;  $\frac{1}{4}$  oz., 40c; oz., \$1.40.

*American Beauty.* Purple. Same as above, but a beautiful rich velvety purple. Trade pkt., 25c;  $\frac{1}{4}$  oz., 40c; oz., \$1.40.

*American Beauty—Lavender Beauty.* Beautiful clear lavender. Trade pkt., 25c;  $\frac{1}{4}$  oz., 45c; oz., \$1.60.

*American Beauty—Sept. Beauty.* Delicate soft shell-pink. Trade pkt., 25c;  $\frac{1}{4}$  oz., 45c; oz., \$1.60.

**Heart of France.** This opens red as the purest ruby, deepens with age and retains its remarkable color to the very end. The petals appear strikingly changeable, showing now a glow and sheen quite unique, now a soft warm velvety texture. In any light, natural or artificial, Heart of France is startlingly beautiful and will command instant admiration. Trade pkt., 25c;  $\frac{1}{4}$  oz., 40c; oz., \$1.40.

**CLEVELAND CHERRY.** This is an improvement on Jerusalem Cherry. Differs from it in habit of growth, which is dwarf and compact and the larger number of berries produced. One of the best house plants for window decoration. Trade pkt., 25c;  $\frac{1}{4}$  oz., 80c; oz., \$3.00

**DIDISCUS Coeruleus, Lavender Lace Flower.** 3 ft. An unknown plant which ought to be grown more frequently. Long stemmed lavender flowers; look like blossoms of Queen's Lace Handkerchief. A constant bloomer. The culture is not at all difficult, only the seed is somewhat slow in germinating. To be sown in a medium hot frame, like Phlox or Verbenas in February or March. Seed will germinate in about

four weeks. Keep frame closed until the seedlings form their leaves, then give plenty of air when weather permits. To be planted out in May in partial shade. Trade pkt., 25c; oz., \$1.40.

**GOMPHRENA.** Orange. (*Globe Amaranth*). A showy everlasting with clover-like heads. Blossoms resemble a ripe strawberry in color and markings. Start in sandy soil in gentle bottom heat. Trade pkt., 25c; oz., \$1.00.

**LILIUM REGALE.** (*The Regal Lily*). It is absolutely hardy, and is excellent for forcing. It has been predicted that this will become the Easter Lily of the future, and being so hardy, may be grown at home. The flowers are white, slightly suffused with pink, with a beautiful shade of canary-yellow at the center, and extending part way up the trumpet. Blooms out of doors early in July, and seedling bulbs will flower the second year. 100 seeds, 65c; 1,000 seeds, \$5.00.

**MYOSOTIS.** Blue Bird. A beautiful winter-flowering Forget-Me-Not. An English specialist selection from the Oblongata class. The only Myosotis which has received an award of the British Royal Horticultural Society in many years. Pkt. (about 100 seeds), 60c.

**PETUNIA.** Copper-Rose. Enormous flowers of wonderful color with a deep white throat deeply veined—a shade that attracts and holds your attention. The substance of the petals is firm with a velvety surface. Free-flowering bushy seeder. Trade pkt. (1,000 seeds) \$1.00; 5,000 seeds for \$4.50.

**Balcony Queen.** Pure "Elk"-purple flower of good size with a white throat. Fine for window and porch boxes. Trade pkt. (1,000 seeds) 50c.

**Dwarf California Giants.** The habit of the plant is very dwarf, flowers very large and of the finest substance, very fine range of color. Trade pkt. (1,000 seeds) \$1.00.

**Rosy Morn, Improved.** The plants are bushy and compact, the medium sized flowers, produced in great abundance throughout the entire summer and fall, are of a most pleasing clear pink, contrasted by a broad, white throat. A splendid sort for porch boxes, pots and beds.

Trade pkt., 50c;  $\frac{1}{8}$  oz., \$1.00.

**PHLOX.** Dr. Nana Compacta, Coerulea Stellata. Dwarf compact bushes, blue with white star; splendid for edging, blooms all summer. Trade pkt., 35c;  $\frac{1}{8}$  oz., 70c.

**STOCK.** Mammoth Ten Week, Heatham Beauty. A new and quite distinct color in this grand class of Ten Week Stocks. The plant is of pyramidal habit with very large flowers of a rich mauve, shaded terra-cotta. Really an Empress Victoria Augusta on cream ground. Trade pkt., 35c;  $\frac{1}{8}$  oz., 70c.

**TITHONIA SPECIOSA.** Mexican Sunflower. A rare plant from Mexico. Perennial throwing up from the root many stout, woody stems furnished with rather large foliage. The flowers are large and remind one of an immense single Zinnia; color, dazzling orange-scarlet. It forms a large shrubby plant, flowers for a long period and is especially desirable for planting among shrubs or in the background of wide borders; will also bloom in winter in the house, if lifted before frost. Trade pkt., 35c.

**TRITOMA.** Hybrids Mirabilis. An annual Red Hot Poker Plant. Seed should be sown in temperate heat from January to March, pricked off and treated like half hardy annuals. The seedlings may be planted in open, grown from end of April to May and they will bloom freely from August to late in the Autumn. Trade pkt., 25c; oz., \$1.40.

## NEW SWEET PEAS

### Late-Flowering Sorts

**Alexander Malcolm.** Glowing scarlet cerise. Oz., 60c; lb., \$7.00.

**Eva.** Large, pure white, of good substance. Oz., \$1.00; lb., \$14.00.

**Golden Glory.** Glowing orange. Oz., 75c.

**Hawmark, Pink.** The richest colored Sweet Peas ever seen; rich, bright rose-pink, deeply flushed and shaded salmon. This is the finest Sweet Pea introduced for several years. Oz., 80c; lb., \$10.00.

**Hawmark, Lavender.** The best color of its kind. It is a true clear, light lavender of very large size. Pkt., 25c.

**Mrs. Arnold Hitchcock.** Pale pink, flushed with salmon on a cream ground. Oz., 40c; lb., \$5.00.

**Mrs. Tom Jones.** Bright delphinium blue, a very attractive color. Oz., 60c; lb., \$7.00.

**Picture.** Color, flesh-pink with a rosy flush, the whole suffused and shaded with creamy apricot. Oz., \$1.20.

**Royal Scot.** The most brilliant scarlet. It does not fade or burn in the hottest sunshine. Oz., \$2.40.

**Tangerine.** Deep orange colored flower, almost approaching the color of a tangerine orange. Large size and beautifully waved. Oz., 80c.

### Early-Flowering Sorts

**All White.** An early King White. Oz., \$1.20; lb., \$16.00.

**Fair Maid.** Finest blush pink, suffused salmon on white ground. Oz., \$1.20; lb., \$16.00.

**Harmony (Early Masterpiece).** The best clear lavender, self waved. Oz., \$1.00.

**Madonna.** Black seeded white. Unlike other black seeded white, it has no trace of a pink tinge. Oz., \$1.20; lb., \$16.00.

**Nightingale.** Bluish lavender Oz., 70c; lb., \$9.00.

**Torch.** Salmon-orange. Same shade as Illuminator in the late Spencers. Oz., \$1.00.

**ZINNIA.** Dahlia Flowered Mixed. The plants of this new race are very sturdy and produce many flowers with stout stems. In formation the broad petals are closely imbricated, sometimes seeming almost to be piled one upon the other. The flowers often measure 4 inches in depth and 6 to 8 inches in diameter. In general appearance, the flowers compare with the Show Dahlias. Trade pkt., 30c; oz., \$1.80.

**Colossal Buttercup.** Buttercup is identical with the other Giant Zinnias, color, pleasing deep primrose, which holds its color in bright sunshine. Trade pkt., 25c; oz., \$1.40.

**Colossal, Apricot Yellow.** A charming new shade in this popular flower. Trade pkt., 35c; oz., \$2.00.

**Colossal, Burnt Orange.** An attractive color. Trade pkt., 20c; oz., \$1.00.

**Colossal, Salmon Shades.** Beautiful shades, all of a rich salmony-pink. Trade pkt., 25c; oz., \$1.20.

**Colossal, Shrimp Pink.** A delicate and pleasing shade. Trade pkt., 30c; oz., \$2.20.

## WE SUGGEST

Trying out the following, which furnish splendid cut-flowers, either if grown in a cool house or outdoors:

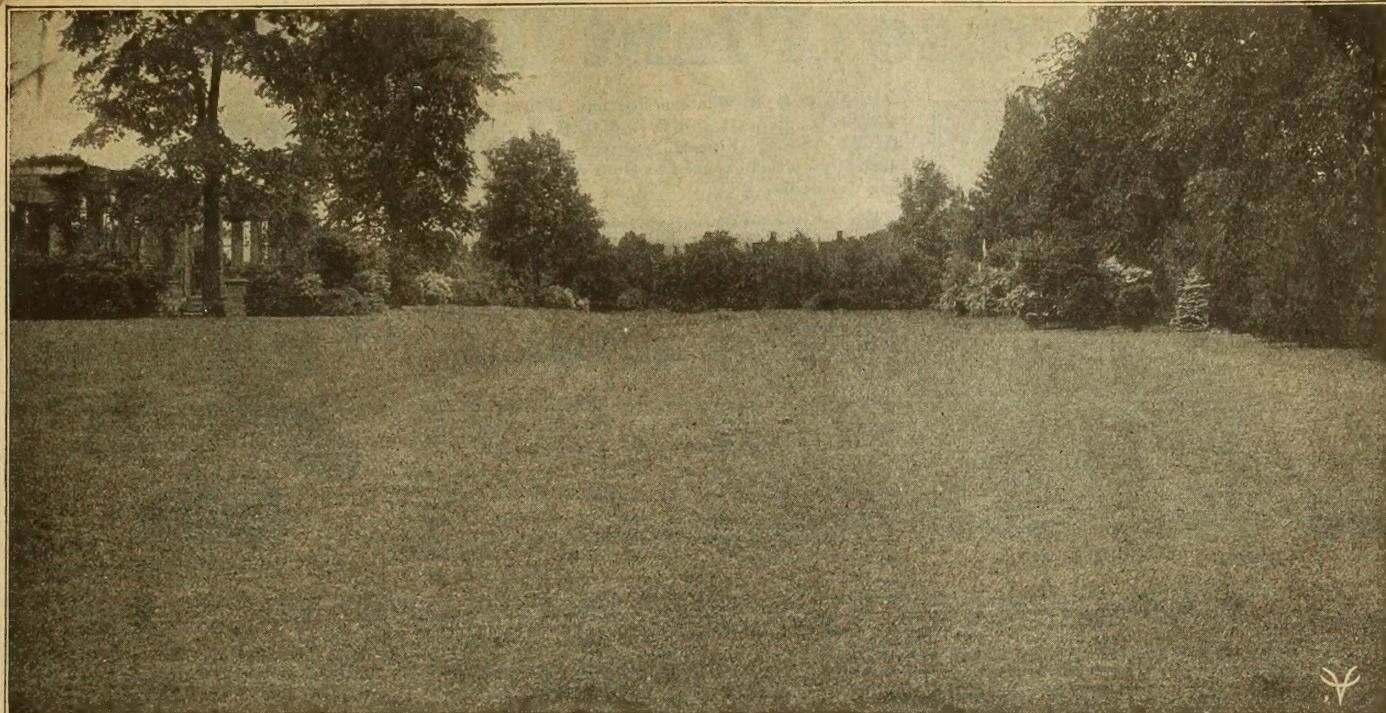
**Annual Delphinium.** Double stock flowered type in separate colors.

**Hunnemannia.** (Bush Escholtzia.) Flowers keep a week.

**Helichrysum.** (Strawflowers.) Flowers sell well fresh and dried, also those of Acrolinum, Rhodanthe and Xeranthemum.

**Tall French Marigold.** These are fine for cutting and pot culture.

**Zinnia Colossal.** Separate colors. Fine for cutting. Pinch the seedlings when they are about eight inches high to make them branch out.



# Vaughan's Lawn Grasses

MANY of our Florist customers find a most profitable side line in selling our high quality Lawn Grass Seeds.

Vaughan's "Chicago Parks," "Central Park" and "Columbian" Mixtures are the highest grade possible to make. There are no brands so well or favorably known, and our extensive advertising make Vaughan's Lawn Grass Seed a sure and ready seller.

## VAUGHAN'S "CHICAGO PARKS" AND "CENTRAL PARK" LAWN MIXTURES

They produce a beautiful and enduring turf, and do so in the quickest time possible, with endurance considered, without the aid of cheap "quick showing" grasses, which are of temporary value.

The great parks and beautiful cemeteries, where best results must be had in producing beautiful and enduring grass, Vaughan's Mixtures are used almost exclusively.

Vaughan's lawn grass seeds are thoroughly cleaned then re-cleaned; this applies to all the separate kinds of seed contained in the mixtures and each lot tested for germination, in the most painstaking and careful manner.

### PRICES:

Each Doz. 100

One-pound packages (sell for 50c each) . . . . . \$0.40 \$ 4.65 \$37.50

Five-pound package (sell for \$2.40 each) . . . . . \$36.50

In Bulk, seeds at cost, per 100 lbs., \$35.00.

Grass seed is high again this year, due to the drought the past season.

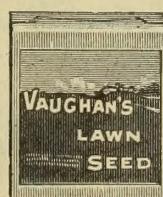
Originated and named by us alone.



2-lb. box,



5-lb. box,



1-lb. box,

## VAUGHAN'S "COLUMBIAN" MIXTURE SHADY NOOK

### For Shady Lawns or Sandy Soils.

On Sandy soil and in shade, conditions are met with when making a lawn, which require the use of a special kind of grass seed.

To provide **sure** and **beautiful** lawn grass under such conditions Vaughan's "Columbian" has been grown and specially prepared with exceptional care.

Vaughan's "Columbian" is an excellent mixture for the uses stated above; its record in public parks, expositions and private grounds everywhere in the U. S. justifies its use by everyone who needs lawn grass for a shady place or for light sandy, soil.

Prices—\$1.50 per 100 lbs. higher in all the different size packages than "Chicago Parks" and "Central Park" mixtures.

## VAUGHAN'S OTHER MIXTURES

"QUICK SHOW" LAWN SEED, for immediate effect. 10 lbs., \$2.70; 100 lbs., \$25.00.

"GOOD MIXED" LAWN GRASS SEED. 10 lbs., \$2.25; 100 lbs., \$20.00.

KENTUCKY BLUE GRASS. Fancy Clean. (21 lb. Seed.) High germination. 14 lbs., \$7.00; 100 lbs., \$48.00.

RED TOP, Fancy Seed. Extra heavy. 10 lbs., \$2.75; 100 lbs., \$25.00.

RED TOP, Unhulled. 10 lbs., \$1.90; 100 lbs., \$17.00.

CLOVER, Dutch White. Crop extremely short. Write for prices.

Subject to change without notice.

## VAUGHAN'S { "CHICAGO PARKS" "CENTRAL PARK" "COLUMBIAN" } LAWN MIXTURES

Put up in attractive lithographed cartons in 1-lb., 2-lb. and 5-lb. sizes, and in cotton bags printed in colors in 5, 10, 15, 25 and 50-lb. sacks. They sell themselves.

"Every blade of grass is a study; and to produce two where there was but one is both a profit and a pleasure." —Abraham Lincoln.

# Greenhouse Plant Department



ASPARAGUS PLUMOSUS NANUS

Prices F. O. B. Western Springs, Illinois, where we ship by Express and C. B. & Q. R. R. All orders to all states shipped, subject to customers assuming risk in regard to their state entomology requirements.

We assume no transportation risks after delivering shipment in good order to the transportation company. Should customers have any cause for rejecting plants we would suggest that they be accepted under protest, and particulars telegraphed us at once.

Soft plants are not shipped to distant points by freight.

**BILLING**—3 plants of any one variety at the dozen rate; 25 at the 100 rate; 250 at the 1,000 rate. We charge for packing on all orders at cost.

On plants in bloom for Holidays and Easter, or on Cold Storage Stock, we cannot entertain claims for allowance in case of damage in transit, the stock being sold on a basis of actual value at Western Springs.

**ALYSSUM**—Vaughan's Little Gem      Doz.    100  
The best type of dwarf white Alyssum. 2 1/4 inch.....\$0.60    \$4.00

**AMARYLLIS**—Giant Hybrids—See Bulbs

**ANTIRRHINUM**—Snapdragon

Vaughan's Select Tall Strain. Pink, red, white, yellow or mixed. 2 1/4 inch pots. Doz., 60c; 100, \$4.00; 1000, \$35.00.

## ASPARAGUS PLUMOSUS NANUS

We are headquarters for select stock  
Size pots      Doz.    100    1000  
Seedlings from  
flats ..... \$1.50    \$10.00  
2 1/4 inch ..... \$0.75    5.00    45.00  
2 1/2 inch ..... 1.00    7.00    65.00  
3    inch ..... 1.50    10.00    .....  
4    inch ..... 2.00    15.00    .....

## ASPARAGUS SPRENGERI

	Dozen	100	1000
Seedlings from flats		\$ 1.20	\$ 8.00
2    inch	\$0.60	4.00	35.00
2 1/2 inch	.75	5.00	45.00
3    inch	1.50	10.00	.....
4    inch	2.00	15.00	.....

## ASTER—Giant Branching

White, purple, lavender, red, pink, rose, shell pink and mixed.

	100	1000
Price, from flats	\$2.00	\$18.00
Price, from 2 1/4 in. pots	4.00	35.00

## BEGONIAS—Bedding

### Varieties

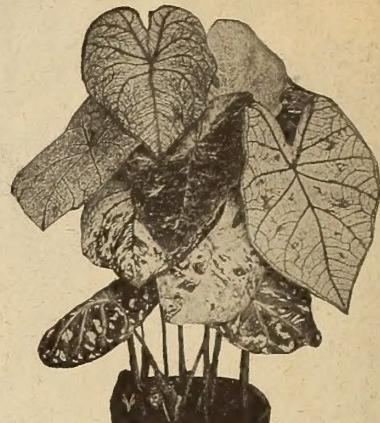
**GLORIE DE CHATELAINE.** Silvery pink. Compact and strong grower. Price, 2 1/4 inch. Doz., \$1.00; 100, \$6.00; 1000, \$50.00.  
Price, 3 inch. Doz., \$1.75; 100, \$12.00.

**LUMINOSA**—Bright scarlet. Red foliage. 2 1/4-inch. Doz., \$1.00; 100, \$6.00.

**CASTOR OIL BEAN—Ricinus**

**RED or GREEN-LEAVED.** 2 1/2-in. pots. Doz., 85c; 100, \$6.00.

4-in. pots Doz., \$2.00.



FANCY LEAVED CALADIUM

## CALADIUMS—Vaughan's Special Fancy Leaved

Dry Bulbs. Named sorts. For window boxes, show plants or greenhouse growing, this is one of the most decorative plants. Rich thrifty leaves, handsomer than Begonias: marbled, veined and striped with white, pink and dark red. Bulbs should be started into growth about March 1st, in a warm house.

Please write for Prices on started stock.

Choice mixed varieties, each, 30c; doz., \$3.00; 100, \$20.00.

**ESCULENTUM** (Elephant's Ear) 5-in. pots, started plants. Each, 30c; doz., \$3.00.

**ESCULENTUM** (Elephant's Ear) 6-in. pots, started plants. Each, 50c; doz., \$5.00.

For Caladium Esculentum bulbs, see Bulb Pages.

## CARDINAL CLIMBER

A graceful annual climber. Flowers 1 1/2 inch in diameter of a fiery cardinal red. Price, doz., \$1.00; 100, \$7.00.

## CENTAUREA—Dusty Miller

**GYMNOCARPA.** 2 1/4 -inch pots. Doz. 60c; 100, \$4.00.

## COBÆA—Cathedral Bells

**SCANDENS**, blue, 2 1/2-in. pots. Doz., 75c; 100, \$5.00.

4-in. pots. Each, 30c; doz., \$3.00; 100, \$20.00.

## COLEUS

**Dr. Ross.** A fine variety for decorative purpose. Enormous leaves like a Rex Begonia, but most exquisitely colored, being a blending of yellow, crimson pink and green. Doz., \$1.00; 100, \$6.00.

**CUPHEA PLATYCENTRA.** (Cigar Plant.) Flowers tubular in shape, 1 1/2 to 2 inches long with two bright scarlet wings at the end of each flower. Price, 2 1/4-inch, doz., 60c; 100, \$4.00.

New Haven, Conn., Sept. 21, '21.

If these bulbs prove as good as the seeds which we bought of you last April, as per enclosed bill shows, you will get more and larger orders for other goods later on, as we are going into the retail and mail-order end of seed and plant selling this coming season. Very truly yours,

THE MARVEL MFG. CO.



ANTIRRHINUM (Snapdragon)

# VAUGHAN'S FERNS

## CYCLAMEN

### VAUGHAN'S GIANT FLOWERING

Grown from our celebrated seed in five separate colors, viz.: white, white with eye, red, pink, salmon.

	Each	Doz.	100
2½-inch, ready in April and May.....	\$1.50	\$10.00	
Per 1000, \$90.00.			
3-inch, ready in June and July.....	\$0.30	3.00	20.00

4-inch, ready in August.....	.50	5.00	40.00
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Prices are good only for delivery up to October 1st. After that date see Fall Catalogue.

### CISSUS DISCOLOR

A beautiful climber with mottled and marbled crimson and green foliage.

	Each	Doz.	100
2½-inch.....	\$0.20	\$1.50	\$10.00

### ENONYMUS JAPONICA

Glossy green-leaved variety. Useful for window boxes.

	Each	Doz.	100
4-inch.....			

### BOSTON FERNS

We grow our Bostons bushy and wellfurnished from the pot up. They are pot-grown and are worth double the long, drawn, bench lifted stock. Our customers are "repeaters" on these. That's why we are always sold out early.

	Each	Doz.	100
2½-inch.....	\$0.15	\$1.20	\$ 8.00
3 -inch.....	.20	2.00	15.00
4 -inch.....	.40	4.20	30.00
5 -inch.....	.60	6.60	50.00
6 -inch.....	.85	9.60	75.00
7 -inch.....	1.25	13.75	100.00
8 -inch.....	\$1.50 to 1.75	....	....
10 -inch.....	3.00 to 4.00	....	....

**VERONA.** A handsome new variety of the *Elegantissima* type, somewhat resembling the N. Whitman, but with finer ostrich plume foliage and with a stiffer midrib which makes the fronds stand up better than most varieties of the lace ferns.

Each Doz. 100

	Each	Doz.	100
2½-inch.....	\$0.20	\$1.50	\$10.00
3 -inch.....	.30	3.00	20.00
4 -inch.....	.50	5.00	40.00
5 -inch.....	.75	8.00	....

### DRACAENAS

	Each	Doz.	100
3-inch.....	\$0.15	\$1.50	\$10.00
4-inch.....	.30	3.00	22.00
5-inch.....	.60	6.00	....

**LORD WOLSELY.** One of the best varieties for Easter and Christmas, being bright red in color.

Each Doz. 100

	Each	Doz.	100
2½-inch.....	\$0.30	\$3.00	\$20.00
3 -inch.....	.40	4.20	30.00

**MASSENGEANA.** The variety with the golden stripe down the center of the leaf. The best of all Dracaenas for the house.

Each Doz. 100

	Each	Doz.	100
3-inch.....	\$0.50	\$5.00	....
4-inch.....	.75	8.00	....

**TERMINALIS.** Rich crimson foliage marked with pink and white.

Each Doz. 100

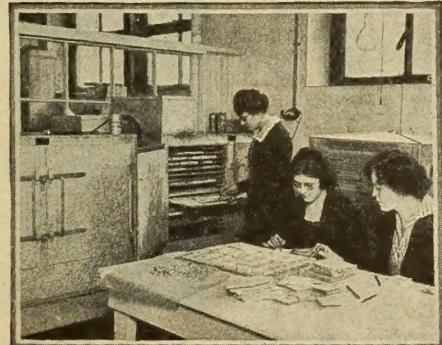
	Each	Doz.	100
2½-inch.....	\$0.30	\$3.00	\$20.00

	Each	Doz.	100
3 -inch.....	40	4.20	30.00

## HOW VAUGHAN'S SEED STORE MAINTAINS ITS STANDARDS

FOURTY-FIVE years ago, Vaughan's Seed Store was established in response to a demand from market gardeners for purer and more fertile seeds than they could obtain elsewhere. Since then, through technical improvements in testing seeds and proving types, higher purity and germination standards have been established and with them Vaughan's Seed Store through its officials and employees has constantly kept pace.

The latest methods for cleaning and storing seed, testing for germination and analyzing for purity are practiced; while at the same time the advantages acquired from forty-five years in business are retained. Particular care is taken with flower seed, as Vaughan's Seed Store is the recognized headquarters for flower seed in this country. Our stock is purchased from the growers of the best strains in localities most favorable to seed production; and all are tested and analyzed. It is well known among florists that if you fail to get what you want everywhere else, you can count on Vaughan's



A Scene in Our Seed Laboratory Where All Seeds Purchased Are Tested for Purity and Germination Under Supervision of a Government Trained University Graduate.



BOSTON FERN

### CROTONS

Florists who visit our greenhouses are immediately struck by the wonderful colors and vigor of our Croton plants. Selections and reservations are constantly being made, and those requiring the choicest should order at once.

	Each	Doz.	100
3-inch pots.....	\$0.50	\$ 5.00	\$30.00
4-inch pots.....	.75	7.50	50.00

**FICUS ELASTICA.** (Rubber Plant.) Large-leaved variety, useful for decorations and house plant.

	Each	Doz.	100
5 -inch.....	\$0.75	\$ 8.00	....
6 -inch.....	1.00	10.00	....
7 -inch.....	1.50	15.00	....
8 -inch.....	2.00	22.00	....

**FICUS BENJAMIN.** Small-leaved, of a drooping habit. Fine for window boxes.

	Each	Doz.	100
2½-inch.....	\$0.15	\$1.20	\$ 8.00
3 -inch.....	.20	1.75	12.00
4 -inch.....	.25	2.00	15.00

**FICUS REPENS.** A very small-leaved evergreen creeper which attaches itself to any solid object. Extremely useful and ornamental for covering stone and wooden conservatory walls.

	Each	Doz.	100
2½-inch.....	\$0.20	1.50	10.00
3 -inch.....	.25	2.00	15.00
4 -inch.....	.25	2.00	15.00

**PANDANUS VEITCHII.**

	Each	Doz.	100
4 -inch.....	.60	6.60	....
5 -inch.....	1.25	13.75	....

	Each	Doz.	100
6 -inch.....	2.00	22.00	....

**SANSEVIERA ZEYLANICA**

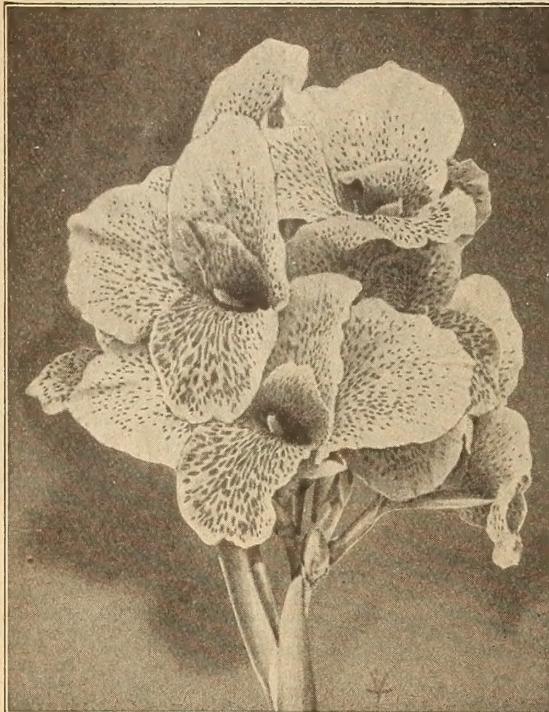
Erect rigid sword-like leaves, thick and fleshy, dark green with clouded bars of white.

	Each	Doz.	100
4 -inch.....	\$0.40	\$4.00	....

WHILE keeping up his supply of tried varieties, the seedsman must be ever on the lookout for new; and the house which values its reputation carefully avoids recommending novelties which have not been thoroughly proved. This requires expensive trial grounds. In Vaughan's seed farms in Michigan and Illinois, all novelties not proven on the grounds of the introducer are tested for one or more years before being catalogued, and here, also, seed of the old varieties are tried out year after year to make sure that our stocks are suffering no deterioration.

Here, also, we grow much of the seed we sell, of varieties for which the soil and climate are favorable. Peas, beans, melons, cucumbers, sweet corn and gladioli are grown on our Michigan farm.

At our greenhouses and nurseries at Western Springs, Ill., which supply our trade with indoor and outdoor flowering plants, the same expert care is exercised as in the seed departments.



YELLOW KING HUMBERT

## Giant Canna Yellow King Humbert

An orchid flowering sport of the well-known variety King Humbert. Has the same habit of growth as its parent; foliage a very dark green with flowers measuring 5 to 7 inches across; individual petals 3 to 3½ inches in diameter. Color of flower a deep rich yellow heavily spotted and blotched with bright red. Some plants will occasionally give a scarlet or scarlet-striped flower, which we consider an advantage, rather than a defect.

	Each	Doz.	100	1000
Dormant roots.....	\$0.10	\$0.85	\$ 6.00	\$50.00
3-inch Pot plants.....	.15	1.20	8.00	75.00
4-inch Pot plants.....	.20	2.50	18.00	
5-inch Pot plants.....	.35	3.50	25.00	

## King Humbert

### The Best Bronze-Leaved Canna of Today

This remarkable Gold Medal Canna has been the prize winner for many years. Of all the wonderful flowering and foliage plants introduced, this one takes the lead for size, color and habit. It is a cross between the Orchid-flowering and the French, or Crozy type, combining the best features of both—the large flowers of one with the free-blooming character of the other. 4½ feet in height.

	Each	Doz.	100	1,000
Dormant roots.....	\$0.10	\$0.85	\$ 6.00	\$50.00
3-inch Pot plants.....	.15	1.25	8.00	75.00
4-inch Pot plants.....	.20	2.50	18.00	
5-inch Pot plants.....	.35	3.50	25.00	

### Other Orchid Flowering Cannas

	Dormant Roots		3-inch Pot					
	1-2 Eyes	Doz.	100	Each	Plants	Doz.	100	
LOUISIANA. 6 ft. Green foliage, large vivid scarlet.....	.60	4.00	.15	1.20	8.00			
UNCLE SAM. 6 ft. Clear deep orange-scarlet extra large flowers.....	.60	4.00	.15	1.20	8.00			
WYOMING. 7 ft. Golden-yellow, bronze foliage.....	.60	4.00	.15	1.20	8.00			
WINTZER'S COLOSSAL. 5 ft. Green foliage. A striking vivid scarlet that retains its brilliancy.....	.85	6.00	.15	1.20	8.00			

## Vaughan's Cannas

### OUR EXPERIENCE WITH CANNAS

Our Canna fields at Western Springs when in bloom during August and September make a grand showing and present a wonderful blaze of color. They attract thousands of visitors, both professionals and amateurs. Last year we grew over ten acres of standard sorts and novelties, besides 1,000 seedlings. Canna culture is one of our main specialties now as it has been for over thirty years.

Our Cannas have won important prizes wherever exhibited—(Many Gold Medals), Chicago, Omaha, Buffalo and St. Louis, and at the Panama-Pacific Exposition.

We ought to know something about Cannas, and realize that many so-called novelties are being sent out every year whose only claim for existence in many instances is a new name. We had to pay dearly in discovering that ignorant and unscrupulous growers give almost any name to their stock of Cannas, as long as the color is somewhere near correct. To them any red is a "New Chicago," any yellow a "Florence Vaughan," etc.

Our Cannas are true to name, and furthermore, the stock we use for propagation has been specially selected on points of vigor, true type, color, size of flowers.

In our list of sorts will be found all the good old standard kinds, and many of the best novelties, the inferior varieties being discarded every year as the merits of the newer ones are proven.

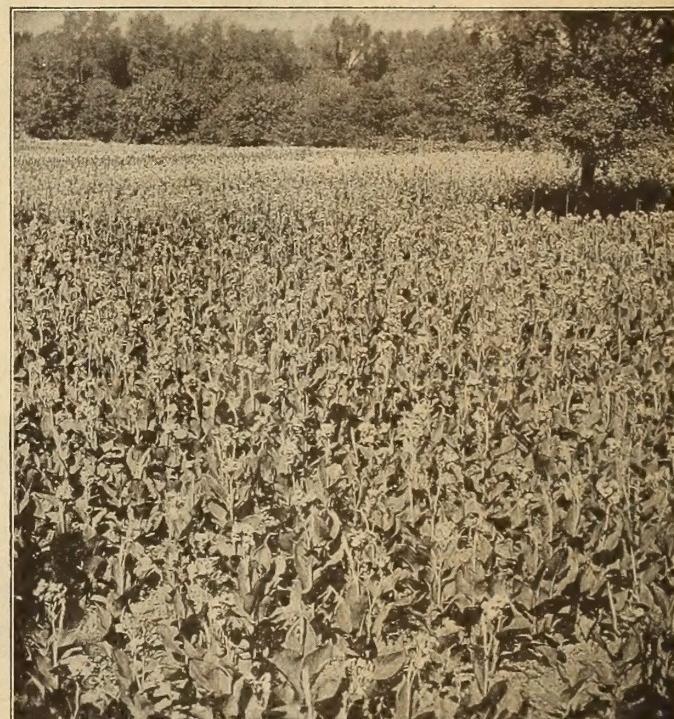
Prices are for Dormant Roots up to APRIL 1st, after which Pot plants are ready.

## Hungaria

### The Best Pink Canna

Height, 3½ feet. Very compact, almost dwarf and of very luxuriant growth. Leaves bluish green; never burn. Trusses of enormous size borne well above the foliage. Flowers very large with very broad petals. Color purest La France pink with satin sheen. The most delicate pink in Cannas. A bed of this solid color, or as an outer companion to Yellow King Humbert, make two of the most brilliant beds ever attempted with Cannas

	Each	Doz.	100	1000
Bulbs.....	\$0.20	\$1.75	\$12.00	\$100.00
Pot plants.....	.20	2.00	15.00	
4-inch Pot plants.....	.30	3.00	20.00	



FIELD OF YELLOW KING HUMBERT CANNA



**SPECIAL PRICES**  
FOR BIG THREE

KING HUMBERT. Scarlet. Bronze Leaf.  
YELLOW KING HUMBERT. Yellow. Green Leaf.  
HUNGARIA. Pink. Green Leaf.

OFFER No. 6. 3 bulbs of each for . \$1.00  
OFFER No. 6A. 6 bulbs of each for . 1.50  
OFFER No. 6B. 12 bulbs of each for . 3.00

# Latest New and Rare Cannas

We supply Dormant Roots up to April 1st,  
after which Pot Plants are ready

**AMERICAN BEAUTY.** Deep shade of carmine-rose, particularly pleasing and unique. Size of both trusses and flowers enormous, with the advantage that it fits nicely in the truss. Each, 75c; doz., \$8.00.

**BRIGHTNESS.** Bright intense orange-scarlet. Flowers immense in size and vividly brilliant. One of the finest cannas existing. Each, 75c; doz., \$8.00.

**CITY OF PORTLAND.** 3½ ft. Distinct among the several really worth while pink Cannas. A deep pink which does not fade during the hot weather.

A free bloomer with flowers borne well above the foliage.

Roots, doz., \$1.50; 100, \$10.00. Plants, each, 20c; doz., \$2.00; 100, \$15.00.

**EUREKA.** 4 ft. Remarkably free-flowering variety, and with its striking white flowers which first appear cream, makes a very effective show in conjunction with a good scarlet such as Firebird or King Humbert.

Roots, doz., \$1.20; 100, \$8.00. Plants, each, 20c; doz., \$1.50; 100, \$10.00.

**FIREBIRD.** 4 ft. The best Scarlet Green-Leaved variety in existence. The flowers are borne in immense trusses, on strong stalks well above the leaves. They are of splendid form, round and shapely. The petals measure and sometimes exceed 2½ inches across, and the color is a clear glistening scarlet without any streaks, spots or blotches. We have seen and tested many varieties during the years we have devoted to their culture and have never seen one that can approach it. (Our own introduction).

Dormant roots. Each, 20c; doz., \$1.50; 100, \$10.00; 1,000, \$90.00.

3-inch plants. Each, 20c; doz., \$1.75; 100, \$12.00.

4-inch plants. Each, 35c; doz., \$3.00; 100, \$18.00.

**JANE ADDAMS.** 4½ ft. Green foliage. Buttercup-yellow with blotches of red in the throat. A clean vigorous grower and very free bloomer.

Each, 20c; doz., \$2.00; 100, \$15.00.

**MATADOR.** 4½ ft. A grand introduction. Flowers of the largest size, with beautiful rounded petals. An abundant bloomer. Color rich scarlet marbled cerise.

Roots, \$1.20; 100, \$8.00. Plants, each, 20c; doz., \$1.50; 100, \$10.00.

**MRS. ALFRED F. CONARD.** 4 ft. Exquisite salmon-pink flowers of the largest size, produced in fine erect spike well above the green foliage.

Dormant roots. Each, 20c; doz., \$1.50; 100, \$10.00.

3-inch plants. Each, 20c; doz., \$1.75; 100, \$12.00.

**ORANGE BEDDER.** 4 ft. Green foliage. A bright orange color with just enough scarlet suffusion to intensify the dazzling mass of color. A very free bloomer.

Dormant roots. Each, 10c; doz., 85c; 100, \$6.00.

3-inch plants. Each, 15c; doz., \$1.20; 100, \$8.00.

**ROSEA GIGANTEA.** 3 to 4 ft. A magnificent showy Canna of a rose to carmine-pink shade. Flower heads of immense size.

Roots, doz., \$1.50; 100, \$10.00. Plants, each, 20c; doz., \$1.75; 100, \$12.00.

**THE PRESIDENT.** 4 ft. In color a rich glowing scarlet with immense rounded flowers seven inches across when fully open, produced on strong erect stalks well above the large green foliage. Free bloomer and strong grower.

Roots, doz., \$1.50; 100, \$10.00. Plants, each, 20c; doz., \$1.75; 100, \$12.00.

**ORIENTAL.** 4 ft. Foliage light green. This is a grand variety in its color, and when massed is very effective. Flowers are golden-yellow, tigered with nasturtium red, forming immense spikes, the individual flowers being large and well shaped.

Roots, doz., \$1.20; 100, \$8.00. Plants, each, 20c; doz., \$1.50; 100, \$10.00.



CANNA  
FIREBIRD

The very best red-flowered green-leaved Canna

## SPECIAL OFFER NO. 7. Ready May 1st.

One plant (first size) of each of Vaughan's Latest New and Rare Cannas 12 plants, each named, for \$3.00, by express.

# VAUGHAN'S STANDARD CANNAS OF MERIT

Bronze Leaved Varieties	Dormant Roots		3-inch Pot Plants		100
	Doz.	1-2 Eyes	Each	Doz.	
DAVID HARUM. 3½ ft. Vermilion-scarlet.	\$0.60	\$4.00	\$0.15	\$1.20	\$8.00
KING OF BRONZE. 5 ft. Deep bronze foliage with small red flowers.	.60	4.00	....	....	....

### Yellow Shades, Green Foliage

	Dormant Roots	1-2 Eyes	3-inch Pot Plants	100
	Doz.	100	Each	Doz.
BUTTERCUP. 3½ ft. A true buttercup yellow, large.	.60	4.00	....	....
FLORENCE VAUGHAN (true stock). 5 ft. Yellow-spotted crimson.	.60	4.00	.15	1.20
GUSTAVE GOMPPER. 3½-4 ft. Golden-yellow the lower petals being lightly spotted with red. Good sized flowers.	.75	5.00	.15	1.20
GOLD BIRD ( <i>Oiseau d'Or.</i> ) 4½ ft. Strong grower. Flowers of good shape and large size. Color is a bright yellow with faint spots of red.	.85	6.00	.20	1.50
				10.00

### Red-Flowering, Green Foliage

	Dormant Roots	1-2 Eyes	3-inch Pot Plants	100
	Doz.	100	Each	Doz.
ALPHONSE BOUVIER. 5 ft. Green foliage. Flowers crimson.	.75	5.00	....	....
BEAUTE POITEVINE 3½ ft. Largest and best crimson.	.75	5.00	.15	1.20
CHAS. HENDERSON. 4 ft. Bright crimson.	.60	4.00	.15	1.20
JULIUS KOCH. 3 ft. Brilliant blood-red.	.85	6.00	....	....
METEOR. 4 ft. Immense brilliant crimson heads of large round-petaled flower. The spikes are large and clear.	.85	6.00	.15	1.20
MILWAUKEE. 3½ to 4 ft. A splendid sort with rich deep maroon flowers of great substance. We find it the darkest of all Cannas.	.60	4.00	....	....
PRINCE WIED. 3 ft. Fiery velvety blood-red.	.75	5.00	.15	1.20
THE EXPRESS. 2½ ft. Bright scarlet-crimson. Large broad flowers in immense trusses. This is the best dwarf red Canna.	.75	5.00	.15	1.20
				8.00

### Variegated Red and Yellow Shades, Green Foliage

	Dormant Roots	1-2 Eyes	3-inch Pot Plants	100
	Doz.	100	Each	Doz.
NIAGARA. 3 ft. Deep crimson with wide irregular border of deep golden-yellow.	\$0.60	4.00	\$0.15	\$1.20
PELEY. 18 to 24 inches. Green foliage. This is the dwarfest Canna we know of. Color vermillion-red, edges of petals a golden-yellow. Free continuous bloomer. 3-inch plants.	.85	6.00	.15	1.20
QUEEN CHARLOTTE. 4 ft. Orange-scarlet with gold band.	.75	5.00	.15	1.20
STELLA. 4 ft. Green foliage. Its beautiful golden-orange flowers appear early and continue without interruption until frost. A robust grower forming sturdy shapely plants.	.60	4.00	....	....
SOUV. DE A. CROZY. 4 ft. Crimson with yellow border.	.75	5.00	.15	1.20
				8.00

### Pink, White and Variegated Shades, Green Foliage

	Dormant Roots	1-2 Eyes	3-inch Pot Plants	100
	Doz.	100	Each	Doz.
MAD. CROZY. 3½ ft. Vermilion with gold border. The sort which popularized the Canna.	.60	4.00	.15	1.20
MAROS. 3 ft. Green foliage, color almost pure white, flowers round, truss large. The plant is very robust and carries its flower spikes well above the foliage.	.60	4.00	....	....
MARVEL 4½ ft. Vermilion and orange.	.60	4.00	....	....
MILLE. BERAT. 4½ ft. A shade of rose-carmine.	.60	4.00	....	....
VENUS. 3½ ft. Rosy-pink mottled creamy yellow border.	.60	4.00	.15	1.20
MIX E D. All kinds and colors. Per 1,000.	\$20.00	.40	2.50	....



MRS. GREENING

## Chrysanthemums

### CHRYSANthemums—For Pot Culture

We have found the following varieties to be among the best, from $\frac{1}{2}$ inch pots. Those marked (*) are also good varieties for bench culture.	Strong plants,		
*Aug. Dasse. A golden-yellow, good sized flowers, strong stem with fine foliage, a first-rate commercial variety.	Each \$0.10	Doz. \$0.85	100 \$6.00
*Chieftain. A rose-pink, commercial variety of exceptional merit. Perfect stem and foliage.....	.10	.75	5.00
*Harvard. Japanese reflexed, very dark crimson; in perfection November about 15th and later. Best dark Chrysanthemum for pots.....	.10	.75	5.00
Marion Newell. Very fine pink. Japanese.....	.10	.85	6.00
*May Foster. Pure white, fine for pot plants.....	.10	.75	5.00
*Mrs. F. Beau. Medium sized flowers of a beautiful shade of bronze.....	.10	.85	6.00
Old Gold. Orange-yellow of immense size and good form. Extra fine for pot plants.....	.15	1.20	8.00
Patty. A beautiful shell-pink Japanese variety, dwarf habit. This is very fine, both in color and habit; does not fade.....	.15	1.20	8.00
The Bard. Dark crimson. Very free-flowering. Make fine pot plant.....	.10	.75	5.00
*Wm. Buckingham (Single). Very large, lovely shade of intense rose. Strong grower with fine foliage.....	.10	.75	5.00
W. H. Lincoln. Bright yellow. A well-known variety.	.15	1.20	8.00

### ANEMONE TYPE—For Pots

The Anemone flowers consist of one or more rows of flat or tubular ray florets, with shorter quilled or tubular disc florets of the same or a distinct color, and are being grown in sprays for artistic floral arrangements. The varieties we offer below we know make fine pot plants, as we have tried them all and are growing them in quantity for fall sales.

Chestnut. Bright zinc-orange shading to yellow flowers; when fully developed are tinted with pink.....	Each \$1.15	Doz. \$1.20	100 \$8.00
Coed. White, shading to pale lilac when fully open. Center high and full.....	.15	1.00	7.00
Inocencia. Outer petals of pure white; central petals most beautifully flushed pale pink; edges of the tubular petals in center of light yellow; an exquisite variety....	.10	.85	6.00
Juno. Deep lilac, shading to white; the center head being loose and graceful and of a deeper shade than the outer petals; magnificent in its coloring .....	.10	.85	6.00

	Each	Doz.	100
Laelia. Laelia pink. Color uniform when matured; center full and rounded.....	\$0.15	\$1.20	\$8.00
Maple Leaf. Flowers light yellow, lightly to heavily overlaid with old rose. Ray florets sulphur-yellow, lightly penciled with old rose; center full and light. Color resembling the autumn color of the leaf of the Sugar Maple.....	.10	.85	6.00
Pepita. Pale pink with orange-yellow center; the flower is heavy and of great substance.....	.10	.85	6.00
Redbird. Ox-blood red with center florets tipped with yellow; center low but full, ray florets slightly cupping when fully developed.....	.10	.85	6.00
The Chief. Sulphur-yellow shading to light lemon-yellow; center full and rounded and slightly darker than the ray florets; 3 to 4 inches in diameter. Matures first week in November.....	.10	.85	6.00
Titan Beauty. Color deep, rich bronze, shading in center to scarlet; the most striking of the collection; outer petals reflex, showing the center to advantage; a strong grower .....	.10	.85	6.00

### CAPRICE DU PRINTEMPS TYPE

A new early-flowering strain and ideal for pot culture. Can be planted out in the open ground in May if desired. Best sellers and money-makers for every plantsman. Flowers about 3 to 4 inches across when well grown.

Butler's Caprice. Deep pink, Katherine Thompson. Crimson, strong grower. Lilac Cap Deep lilac, very showy.

Mrs. Greening. Flowers pink, with lighter shade in center.

Purple Cap. Purple without any markings. Dwarf compact grower.

White Cap. Pure white.

Yellow Cap Bright clear yellow.

Prices of above, each, 10c; doz., \$0.85; per 100, \$6.00.

### HARDY OUTDOOR CHRYSANTHEMUMS

The following will furnish an abundance of flowers from August until heavy frost. Strong plants from  $2\frac{1}{4}$ -inch pots.

### LARGE-FLOWERING

The following varieties are a cross between French varieties and the Hardy English varieties, and have gained popularity in this country during the past two years, as, with slight protection, they will withstand our severe winters. Care should be exercised in planting these in early spring, so that they establish themselves for the vigors of our winters, and not planted in the Fall.

	Each	Doz.	100
A. Barham. Bronze; incurving.....	\$0.10	\$0.85	\$6.00
Carrie. End of August. Yellow, in cluster form.....	.10	.75	5.00
Carpet of Snow. White, end of August, in clusters.....	.10	.85	6.00
Firefly. A reddish bronze; very early, until late frost....	.10	.85	6.00
Golden Queen. Large pure golden-yellow.....	.10	.85	6.00
Gustave Grunnerwald. Light pink.....	.15	1.20	8.00
Hardy Pink. This is one of the hardiest varieties we know of. Flowers are of a deep rose-pink of medium size; very free-flowering.....	.10	.85	6.00
Le Pactole. Very pleasing shade of bronze; free and early.	.10	.85	6.00
Normandie. Blush-pink; very dwarf and free-flowering.	.10	.75	5.00
Pink Harbinger. A fine rose-pink variety; large-flowering, coming in bloom early and extending its flowering period late into the fall.....	.15	1.20	8.00

### POMPONS

Pompoms are becoming more popular year by year, being especially desirable for pot plants and a distinctive grace and beauty to floral decorations of all kinds.

Bijou Rose. A beautiful rose color.

Bronze Queen. Bronze red underlaid with yellow, changing to orange with yellow showing through. Petals flat, but slightly twisted when matured. Each, 15c; doz., \$1.00; 100, \$7.00.

Charlotte. Deep bronze; extra fine.

Fairy Queen. Very handsome bright pink.

Kate Manning. Reddish bronze; very early.

Lillian Doty. Early pink; large ball-shaped flowers.

Miss Seeley. White. One of the best earlies.

Uneeda. Deep yellow early.

Zoda. An early bright yellow.

Price, except where noted, each, 10c; doz., 75c; 100, \$5.00.



LARGE-FLOWERING OUTDOOR TYPE

# Bedding and Miscellaneous Plants



GERANIUM—Lucifer

**GERANIUMS**

**Cousin Janne.** Pleasing clear pink; semi-double. Each flower,  $\frac{1}{2}$  inch..... \$0 15  
4 inch..... 25

**LUCIFER.** Bright scarlet.

**LA FAVORITE.** Grand double white; very free.  
**S. A. NUTT.** (Double.) Dark crimson. The old favorite.

**Price of above** {  $\frac{1}{2}$  inch pots, ..... 10      0 85      6 00  
Strong, 4 inch pots, ..... 20      2 00      15 00

**Beaute Poitevine.** Leading Salmon variety.  
 $\frac{1}{2}$  inch pots..... 15      1 00      7 00  
4 inch pots..... 25      2 50      18 00

**Mme. Salleroi.** The best border geranium; 12 inches high. Foliage variegated green and white.  $\frac{1}{2}$  inches. 10      75      5 00

**PELARGONIUM—Pansy Geranium**

**EASTER GREETING.** Bright amaranth red, large flowers, dwarf and compact grower, splendid bedder,  $\frac{1}{2}$  inch pots..... 20      2 00      15 00  
4 inch pots. Ready May 1..... 30      3 00

**MRS. LAYAL.** This pelargonium is of easiest growth, dwarf in habit, and literally covered with flowers all the time. In color the flowers on the same plant are light pink, white, dark purple, black, etc.

$\frac{1}{2}$  inch pots..... 20      1 50      10 00

**HELIOTROPE**

**CENTEFLEUR.** Best dark to date,  $\frac{1}{2}$  inch pots..... 10      85      6 00  
4 inch..... 20      1 75      12 00

**Mammoth Mixed.** Light colors.  $\frac{1}{2}$  inch. .... 10      75      5 00  
4 inch..... 15      1 50      10 00

**IVY—English**

$\frac{1}{2}$  inch pots..... 10      1 00      7 00  
4 inch pots..... 25      2 50      18 00

**IPOMEA—Moonflower**

**NOCTIFLORA.** White,  $\frac{1}{2}$  inch pots..... 10      75      5 00  
4 inch pots..... 20      1 75      12 00

**LEARII.** (Blue dawn-flower).  $\frac{1}{2}$  inch pots..... 10      85      6 00  
3 inch pots..... 20      1 50      10 00

**LOBELIA**

**BEDDING QUEEN.**  $\frac{1}{2}$  in. .... Per 1000, \$35.00 .. 60      4 00

**MARGUERITES—Paris Daisies**

**MRS. F. SANDER.** Improved double white. Large pure white flowers, beautifully fringed. Valuable for cut-flowers and pots.  $\frac{1}{2}$  inch pots..... 10      85      6 00  
4 inch pots..... 20      2 00      15 00

**PANSIES**

**VAUGHAN'S INTERNATIONAL.** Per 1000, \$25.00 .. .... 3 00

**PENNSETUM—Fountain Grass**

Beautiful grass-like plants with graceful plumes  $\frac{1}{2}$  to 3 feet high which are very effective as borders for Canna beds.

**LONGISTYLOM.** White plumes.  $\frac{1}{2}$  inch pots... .. 85      6 00



MARGUERITE—Mrs. F. Sander



POINSETTIA PULCHERRIMA

**PETUNIAS**

**VAUGHAN'S BEST SINGLE MIXED,** Ready May 1. Each 2-inch pots..... \$0 60      \$4 00  
Balcony Queen,  $\frac{1}{2}$  inch pots..... 60      4 00  
Rosy Morn, best strain,  $\frac{1}{2}$  inch pots..... 60      4 00  
Snowball, (Single),  $\frac{1}{2}$  inch pots..... 60      4 00

**SALPIGLOSSIS. FROM VAUGHAN'S SPECIAL**  
**SEED.**  $\frac{1}{2}$  inch pots ..... \$0 10      85      6 00

**SALVIA—Scarlet Sage**

**FIREBALL.** 1  $\frac{1}{2}$  feet. Very early and large-flowering.  
**GLOBE OF FIRE.** Extra fine compact spike.  
 $\frac{1}{2}$  inch pots..... Per 1000 \$45.00 .. 10      75      5 00  
4 inch pots..... 20      1 75      12 00

**VERBENAS** Ready about May 1st.

Mammoth Pink, Purple, Scarlet, White and mixed.  
 $\frac{1}{2}$  inch pots..... 60      4 00

**DEFIANCE.**  $\frac{1}{2}$  inch pots .. 60      4 00

**MAYFLOWER.**  $\frac{1}{2}$  inch pots..... 60      4 00

**LEMON-SCENTED.**  $\frac{1}{2}$  inch pots..... 20      1 20      8 00

**VINCA—Major Variegata** Ready May 1st

$\frac{1}{2}$  inch pots..... 10      75      5 00  
3 inch pots..... 15      1 50      10 00  
4 inch pots..... 25      2 50      18 00

**Vinca Rosea (Periwinkle)**..... 15      75      5 00

**Rosea Alba**..... 15      75      5 00

**ZINNIAS**

**VAUGHAN'S COLOSSAL.** Ready May 1st, in pink, purple, scarlet, white and mixed.  $\frac{1}{2}$  inch..... 60      4 00

**PLANTS TO GROW FOR XMAS**

**XMAS PEPPERS**  
**Birdseye.**  $\frac{1}{2}$  inch pots..... Per 1000, \$45.00 .. 75      5 00  
**Giant Celestial.**  $\frac{1}{2}$  inch pots... Per 1000, 45.00 .. 75      5 00

**POINSETTIAS, "The Xmas Plant."** Ready June 1st.  $\frac{1}{2}$  inch..... Per 1000 \$75.00 .. 15      1 20      8 00  
2 yr. old stock plants .. 40      4 00

**PRIMULAS.** Up-to-date varieties. Grown from the finest strain of seed in the world, of which we sell large quantities to the most particular pot-plant specialists.

**OBCONICA GIGANTEA GRANDIFLORA.** Apple blossom and Kermesina.  $\frac{1}{2}$  inch, assorted colors. .... Per 1000, \$50.00 .. 10      85      6 00

**SOLANUM.** Ready about April 1st.  
**Clevelandii.** Dwarf. Compact  $\frac{1}{2}$  inch..... 15      85      6 00



## GRAND DUKE ALEXIS

## **DAHLIAS**

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In the following list we offer what we consider the very best of the foreign and American Dahlias, which we observed in our extensive trials last season.

Contrary to popular opinion, we maintain that Dahlia plants are always super-

Prices are for growing plants from  $2\frac{1}{2}$ -inch pots, ready April 15th.

Prices are for growing plants from 2½-inch pots, ready April 15th.

## NEW AND CHOICE DAHLIAS

	Each	Doz.	100
<b>ATTRACTION.</b> (Peony). Very large perfect and full flowers of a clear lilac-rose. A rare color; producing fine flower stems.....	\$0.40	\$4.00	....
<b>BIANCA.</b> (Peony). Lilac-rose; very free-flowering and a wonderful variety for cut flowers.....	.35	3.50	....
<b>HOCHSAI.</b> (Decorative). A clear golden-orange, darker shaded in center; very free-flowering, early.....	.35	3.50	....
<b>KALIF.</b> (Cactus). Pure scarlet. A true majestic flower frequently measuring 8 to 10 inches in diameter, strong grower.....	.50	5.00	....
<b>KING OF AUTUMN.</b> (Decorative). An entirely new shade of buff-yellow suffused with orange. The color is unique, flower and foliage of vigorous constitution. A splendid exhibition bloom.....	.35	3.00	....
<b>CARMEN SYLVIA.</b> (Decorative). A carmine pink, with fine stem and habit. A favorite as a cut flower.....	.35	3.00	....

## **EARLY-FLOWERING**

<b>A. D. Livon.</b> (Show). A beautiful soft pink flower with quilled petals.....	.15	1.20	8.00
<b>Countess of Lonsdale.</b> (Cactus). A delicate apricot shading towards the edges of the petals to carmine-pink. Early and one of the very best.....	.15	1.20	8.00
<b>Crimson Giant.</b> (Decorative). Deep crimson flowers of immense size.....	.15	1.20	8.00
<b>Holsatia.</b> (Cactus). Orange scarlet.....	.15	1.20	8.00
<b>Jack Rose.</b> (Decorative). A rich velvety crimson.....	.15	1.20	8.00
<b>Mrs. Henry R. Wirth.</b> (Cactus). A rich glowing intense scarlet Countess of Lonsdale.....	.20	1.50	10.00
<b>Pink Century.</b> (Single). Delicate soft pink.....	.20	1.50	10.00
<b>Sylvia.</b> (Decorative). White shading to soft pink on the outer petals.....	.15	1.20	8.00
<b>Wm. Agnew.</b> (Decorative). Intense, dazzling red.....	.15	1.20	8.00
<b>Yellow Duke.</b> (Show). Pure canary-yellow, large size flowers on good stiff stems.....	.15	1.20	8.00

## CACTUS VARIETIES

<b>Charles Clayton.</b> Color is a most intense red.....	.15	1.20	8.00
<b>Countess of Lonsdale.</b> A delicate apricot shading towards the edges of the petals to carmine-pink. Early and one of the very best.....	.15	1.20	8.00
<b>Flora.</b> Ideal white with large flowers on stout stiff stems.	.15	1.20	8.00
<b>Holsatia</b> Orange-scarlet.....	.15	1.20	8.00
<b>J. H. Jackson.</b> Rich velvet maroon. A strong vigorous grower and free-bloomer.....	.20	1.75	12.00
<b>Juliet.</b> Rosy-pink tinting lighter toward the center. Very large, with long, incurved petals.....	.20	1.75	12.00
<b>Lawine.</b> A pure white of good form, very free and early-flowering.....	.20	1.50	10.00
<b>Mrs. Henry R. Wirth.</b> A rich glowing intense scarlet Countess of Lonsdale.....	.20	1.75	12.00
<b>MARJORIE CASTLETON.</b> The best standard pink cactus Dahlia. Very delicate pink, tinting lighter towards the center.....	.20	1.75	12.00
<b>Rheinkong.</b> Pure snow-white flowers of splendid form, 5 inches and over in diameter.....	.25	2.50	18.00

## DECORATIVE

<b>AUTUMN GLORY.</b> A soft golden terra cotta color that is rich and pleasing by daylight and very lovely under artificial light.	Each	Doz.	100
Coronata. A pure white, usually from $2\frac{1}{2}$ to 3 inches in diameter, free-flowering.	.20	1.75	12.00
CHATENAY. Like the rose of that name. Beautiful soft pink and yellow reflex.	.20	1.75	12.00
Crimson Giant. Deep crimson flowers of immense size.	.15	1.20	8.00
David Harum. Bright orange-scarlet with deep crimson shadings. Large flat flowers measuring 6 to 7 in. across. Thick, wide petals, full to the center.	.15	1.20	8.00
Delice. The finest pink Decorative Dahlia. Its beautiful soft, yet lively color, a glowing rose-pink, borne on long stiff stems. Valuable as a cut flower.	.20	1.75	12.00
Grand Duke Alexis. Pure white, shading to a most delicate and charming shell-pink. Beautifully quilled and double.	.25	2.50	18.00
Henry Patrick. A pure waxy white, blooms very freely, flowers 5 to 7 inches in diameter.	.20	1.50	10.00
JEANNE CHARMET. Flower 7 to 8 inches in diameter. Bright pink with crimson edges.	.20	1.75	12.00
Jack Rose. A rich velvety crimson.	.15	1.20	8.00
LE GRAND MANITOU. Striped and splashed purple on a deep rose colored ground. Flowers of enormous size and perfect form.	.30	3.00	—
Lyndhurst. Brightest vermillion; the best bright red for cutting. An early free and continuous bloomer with long, straight stems.	.15	1.20	8.00
Mrs. Chas. Turner. Pure yellow. A strong grower and profuse bloomer.	.20	1.50	10.00
MINA BURGLE. Flowers of gigantic size and remarkable beauty. A most glowing brilliant scarlet.	.25	2.00	15.00
Mrs. J. C. Vaughan. Lovely bright clear yellow flowers, long stalks; flowers are large and very attractive.	.35	3.50	—
Mrs. Kentwell. Bright fiery scarlet, flowers on long, stiff, graceful stems	.15	1.20	8.00
Princess Juliana. A fine white, large and splendid form. Early and free-flowering. Strong stems. Fine for cutting.	.25	2.00	15.00
Queen Mary. A beautiful pearl-pink of good size with magnificent stem and foliage.	.20	2.00	—
Queen of Yellows. A beautiful clear color.	.20	1.50	10.00
Sylvia. White shading to soft pink on the outer petals.	.15	1.20	8.00
Virginia Maulé. A most delicate blush or shell-pink. The immense flowers are borne with stately grace on long, erect stems. Blooming early and profusely.	.20	2.00	15.00
Wm. Agnew. Intense, dazzling red.	.15	1.20	8.00
Yellow King. An unusually large flower of a pure bright yellow, very rich in color, freely produced on long, stiff stems ideal for cutting.	.20	2.00	—

## SHOW AND FANCY DAHLIAS

<b>A. D. Livoni.</b>	A beautiful soft pink flower with quilled petals . . . . .	Each \$0.15	Doz. \$1.20	100 \$ 8.00
<b>Elsie Burgess</b>	The color is a delicate white ground tipped and suffused with a beautiful lavender and faint light pink. The stems are straight and stiff. It is a free-blooming Dahlia and very desirable for cut-flower purposes . . . . .	.20	2 00	15.00
<b>DREER'S WHITE.</b>	Glistening white, resembling in form Grand Duke Alexis, while in freedom of flowering it is not surpassed by any . . . . .	.20	2.50	15.00
<b>Yellow Duke.</b>	Pure canary-yellow, large size flowers on good stiff stems . . . . .	.15	1.20	8.00

## PEONY - FLOWERED

Peony-flowered Dahlias are those having irregularly curved and twisted petals and are as beautiful as they are odd.	Each	Dz.	100
<b>Jan Olieslayers.</b> Deep primrose-yellow.....	\$0.20	\$1.75	\$12.00
<b>Queen Emma.</b> A charming shade of hollyhock-pink, the inner petals margined with gold. A very large and magnificent sort.....	.20	2.00	15.00
<b>Queen Wilhelmina.</b> This is a splendid variety of this new type with immense pure white flowers, with yellow center. It is very free-flowering and the flowers are produced on good stems, making a fine variety for garden decoration.....	.20	2.00	15.00

# POMPON DAHLIAS

Under this head come those small Bouquet Dahlias that are so popular for cut flowers. Their small size makes them invaluable for bouquets and their range of color is as great as any of the preceding classes.	Each	Doz.	100
<b>Little Beauty.</b> A very beautiful light pink.....	\$0.10	\$0.85	\$6.00
<b>Little Herman.</b> Deep red, tipped white.....	.10	.85	6.00
<b>Snow-Clad.</b> Small pure white free-flowering.....	.10	.85	6.00

## SINGLE DAHLIAS

These are rapidly coming into favor every year on account of their profuse blooming and handsome colors, rendering them invaluable for bouquets. We list the following varieties as being the very best as to color and size of flower.

<b>Gold Standard.</b>	Pure yellow flowers borne on long, graceful stems.	Each	Doz.	100
		\$0.15	\$1.20	\$ 8.00

graceful stems.	\$0.15	\$1.20	\$ 8.00
<b>Maroon Century.</b> Beautiful, rich maroon, large yellow center. Erect, free-flowering.	.20	1.50	10.00
<b>Pink Century.</b> Delicate soft pink.	.20	1.50	10.00
<b>Praxiteles.</b> Velvet purple, tipped white.	.15	1.20	8.00
<b>Pres. Viger.</b> Rich claret.	.15	1.20	8.00
<b>Scarlet Century.</b> Brightest dazzling scarlet, golden disc. Immense flowers of fine round form, very profuse in			

A beautiful snow-white of immense

<b>UNNAMED DAHLIAS</b>				
<b>DOUBLE DAHLIAS TO COLOR.</b>	Good varieties in red, pink, white, yellow or variegated; undivided field clumps.	.20	1.75	12.00
<b>Divided Field Roots.</b>		.10	.85	6.00
<b>MIXED ALL VARIETIES.</b>	Field clumps.	.15	1.50	10.00

# Vaughan's Roses for Florists

## New and Choice Varieties

**MME. BUTTERFLY.** A glorified sport of 'Ophelia with all the colors of Ophelia intensified, making it a harmony of bright pink, apricot and gold. A free grower and bloomer with large handsome foliage free from mildew. Price, own root, 2½-inch pots, doz., \$2.00; 100, \$15.00. Ready May 1st, 4-inch pots, each, 40c; doz., \$4.00; 100, \$30.00. Grafted, 2¼-inch pots, each 35c; doz., \$3.50; 100, \$25.00.

**FRANK W. DUNLAP.** Bright rose-pink, deeper in the center. Flowers full and double, averaging 40 to 45 petals to the bloom; opens very freely; a vigorous grower, breaking freely at the base. Free from spots and mildew. Price, own root, 4-inch pots, each 30c; doz., \$3.00; 100, \$20.00. Grafted, 4-inch pots, each, 40c; doz., \$4.00; 100, \$30.00.

**COLUMBIA.** A true pink, deepening as it opens to a glowing pink. A peculiarity of the variety is that the shades all become more intense until fully open. Strong grower, sending up numerous stiff stems of good length with fine foliage free from mildew. Price, 2½-inch pots, doz., \$1.50; 100, \$10.00. 4-inch pots, ready May 1st, each, 30c; doz., \$3.00; 100, \$20.00.

**PREMIER.** A clear pure shade of rose-pink; deep rose-pink in cooler weather. Its freedom of bloom and quick succession of crops makes this a most productive variety. Strong grower with breaks coming quickly, producing strong, stiff thornless stems with heavy foliage. Price, grafted 2¼-inch pots, each, 35c; doz., \$3.50; 100, \$25.00.

**LOS ANGELES.** Color a flame-pink toned with coral and shaded with translucent gold at the base of the petals. Strong grower with stems as long as an American Beauty. The flowers, are as large as Paul Neyron, forming long and pointed buds; its freedom and continuance of bloom are remarkable. Price, 2-year dormant, each, \$1.25; doz., \$12.00. 2-year potted, ready May 1st, each, \$1.50; doz., \$15.00.

**ANGELUS.** White, with cream-tinted center. A big, rounded rose, like Premier in form, but with a higher center; very lasting and fragrant. Foliage dark green, disease-resistant. A vigorous, upright grower and free in bloom. Resembles Kaiserin Augusta, but is quite full, 40 to 45 petals, and, unlike Kaiserin, it blooms freely in winter and is a good keeper. Was awarded Certificate of Merit of the Chicago Flower Growers' Association in 1921; also Silver Medal of the New York Flower Show, spring 1921.

Price, 2¼-inch, 50c; doz., \$5.00; 100, \$35.00; 250, \$82.50; 1000, \$300; 500 at the 1000 rate.

**GOLDEN OPHELIA.** (Hybrid Tea). A distinct novelty. This is a seedling from the well-known variety Ophelia. It is a sturdy stiff-stemmed grower with beautiful foliage, quite closely set and glossy. This flower is of medium size, forming a beautiful bud of bright golden-yellow; a profuse bloomer. We are very enthusiastic over this beautiful true yellow novelty, which will rank high in its class. Price, 2½-inch, own roots, each, \$35c; doz., \$3.50; 100, \$25.00. 2¼-inch grafted, each, 40c; doz., \$4.00; 100, \$30.00.

## Standard Varieties

					Ready May 1st.
<b>Cynthia Fords.</b>	A delightfully fragrant large double rose of deep shining pink. 2½-inch pots.	.100	Each	Doz.	100
	It is so free-blooming and has such fine	\$1.50	\$10.00	\$0.30	\$3.00
	long stems. Full and perfect in form.				\$20.00
<b>Gruss an Teplitz.</b>	Brilliant red. One of the most prolific bloomers of all.	1.50	10.00	.30	3.00
	Kaiserin. One of the best white out-door roses.	1.75	12.00	.35	3.50
	Killarney Brilliant. A splendid improvement on the original Killarney in every way. Color much deeper, more petalage and the best of the sports that Killarney has so far produced.	1.75	12.00	.35	3.50
	Ophelia. Color clear bright salmon often deepening toward golden-pink; wonderfully fragrant, with long pointed buds.	1.50	10.00	.30	3.00
	Prince E. C. De Arberg. Color scarlet with deeper shadings, not inclined to turn blue, holding its color as the flower lasts. The bud is heavy and pointed, developing into a beautiful full flower of great size and finish.	1.50	10.00	.30	3.00
	White Kilarney. Pure white. As free-blooming as its pink parent.	1.50	10.00	.30	3.00
	W. R. Smith. Although not new, this is a most desirable ever-blooming summer rose and as a bedder is without a peer. The flowers are creamy white, shaded pink, and are produced with the greatest freedom.	1.50	10.00	.30	3.00
					20.00

## Polyantha and Baby Roses

					Ready May 1st.
<b>CECILE BRUNNER.</b> (Dwarf Polyanthus).	There is no doubt about the present popularity of this grand rose. The buds at first appear rose-pink, shading to salmon and orange in the center, toning to pale flesh.	2½-inch pots.	4-inch pots.	Doz.	100
				Each	Doz.
		\$1.20	\$8.00	\$0.30	\$2.50
					\$18.00

**CLOTHILDE SOUPERT.** Pearly-white, changing to rose-pink.

1.20 8.00 ... ....

## Vaughan's White Baby Rambler

The flowers are borne in clusters of 25 to 50 individual flowers one inch in diameter and a pure snow-white. For cemetery use of great value, being perfectly hardy. 2½-inch pots. Doz., \$1.20; 100, \$8.00.

**CRIMSON BABY RAMBLER.** Still a favorite. The flowers are borne in clusters of 30 to 40, and the foliage is dark, glossy and profuse. 2-year dormant, each, 75c; doz., \$7.50; 100, \$50.00.

**ERNA TESCHENDORFF.** The color of the flowers is the brightest red, being superior to the Crimson Baby Rambler, Jessie and others. The flowers are large and very double and are produced in constant succession throughout the whole season. It is free from mildew. A great advantage over the Crimson Baby Rambler is that the color does not bleach out under the hot sun. 2-year dormant, each, 75c; doz., \$7.50; 100, \$50.00.



ROSE PREMIER

## Climbing Roses

The following Roses are the best adapted for general planting and we particularly recommend for Easter forcing such varieties as—**Dorothy Perkins**, **Excelsa** and **Tausendschön**. The stock we are offering in these varieties is well ripened and best adapted for this purpose.

### CLIMBING AMERICAN BEAUTY.

Large double roses freely produced in June and occasionally throughout the season. 2-year dormant..... \$0.75 \$7.50 \$50.00

**CRIMSON RAMBLER.** The magnificent trusses of bright crimson flowers are freely produced and admired by everyone..... .60 6.00 45.00

**DOROTHY PERKINS.** The best of the pink ramblers. 2-year dormant..... .40 4.00 30.00

**EXCELSA.** Deep crimson and scarlet, large full trusses. 2-year dormant..... .40 4.00 30.00

**FLOWER OF FAIRFIELD** (C. P.). Of the numerous varieties raised in the past years this is doubtless one of the best. Its flowers, which are produced in profusion, are of a fine crimson color, and more lasting and brilliant than the common Crimson Rambler. The growth is vigorous, flowering freely and continuously throughout the season. 2-year dormant..... .75 7.50 50.00

**GOLDFINCH** (C. P.). The best yellow rambler to date. Flowers large, semi-double, in full clusters; a rich lemon-yellow. 2-year dormant..... .40 4.00 30.00

**TAUSENDSCHÖN.** Rosy carmine changing to pink, the various shades on the one plant make a grand effect. 2-year dormant..... .75 7.50 50.00

**PAUL'S SCARLET CLIMBER.** This is without question the most important addition to the list of climbing roses; no other rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching until the petals fall. The flowers are of medium size, semi-double, very freely produced in clusters. It is of strong climbing habit and perfectly hardy. This rose has been most highly commended by the English horticultural press. It was awarded a Gold Medal by the National Rose Society and an award of Merit by the Royal Horticultural Society of England, and was also awarded during the summer of 1918, the muchcoveted Gold Medal at the Bagatelle Gardens, Paris. 2-year dormant..... .85 9.00 ....

**WHITE DOROTHY.** The counterpart of the Pink Dorothy Perkins, except color, being pure white.... .40 4.00 30.00

## Hardy Perpetual Roses

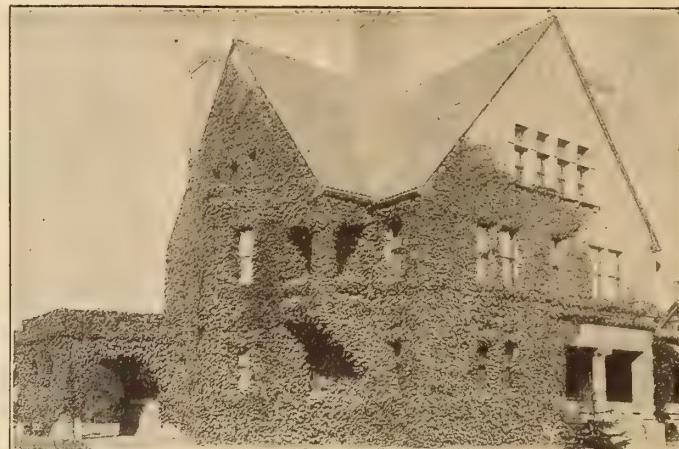
<b>Anna de Diesbach.</b>	<b>Gruss an Teplitz.</b>	<b>Paul Neyron.</b>
Beautiful carmine.	Scarlet crimson.	Deep rose.
<b>Frau Karl Druschkii.</b>	<b>J. B. Clark.</b>	<b>Persian Yellow.</b>
The best white.	Intense scarlet.	Gold-en-yellow, semi-double flower.
<b>Gen. Jacqueminot.</b>	<b>Magna Charta.</b>	<b>Ulrich Brunner.</b>
Bright shining crims'n.	Deep pink.	Cherry-crimson.
<b>Geo. Arends.</b>	<b>Geo. Laing.</b>	
Light pink.	Bright, shining pink.	

Price of above 2-year dormant, each, 75c; doz., \$8.00.

Write for List and Prices on 2-Year Potted Hybrid Perpetuals and Climbers.



CLEMATIS PANICULATA



## HARDY VINES

	Each	10	100
AMPELOPSIS Muralis, 4-year.	\$0.50	\$4.00	.....
Engelmanii, 2-year.	.30	2.50	\$20.00
Quinquefolia (Woodbine), 3-year.	.35	3.00	25.00
2-year.	.30	2.50	20.00
Veitchii (Boston Ivy), 2-year.	.35	2.50	20.00
3-year.	.40	3.00	25.00
Strong roots	Out of stock.		
ARISTOLOCHIA Siphon. (Dutchman's Pipe.) 3-year.	.75	7.00	.....
BIGNONIA Radicans. (Trumpet Vine) 2-year.	.35	3.00	25.00
CELASTRUS Scandens. 3-year.	.40	3.50	.....
2-year.	.30	2.50	.....
Articulata. 3-year.	.40	3.50	.....
2-year.	.30	2.50	.....
CLEMATIS—Small-Flowering, Paniculata, 2-year.	.40	2.50	20.00
3-year.	.40	3.50	.....

WISTARIA



## CLEMATIS—Large-Flowering:

DUCHESS OF EDINBURGH.	Double white....	Each	10	100
HENRYI.	Finest large single white.....			
JACKMANII.	The popular dark, rich royal purple	\$0.70	\$6.50	.....
MAD. BARON VEILLARD.	Light rose, shaded lilac			
MAD. ED. ANDRE	Large deep wine-red.....			
Coccinea }	.50	4.00	.....	
Crispa }	.40	3.00	.....	
Virginiana. 2-year.	.30	2.50	\$20.00	
KUDZU VINE, strong roots.				
LONICERA—Honeysuckle.				
Japonica Halliana (Hall's Japanese), 2-year.	.35	3.00	25.00	
3-year.	.45	3.50	.....	
WISTARIA Magnifica, 3-year.	.50	4.00	35.00	
WILD GRAPE 3-year.	.35	3.00	.....	

## PEONIES

Since September is the best time to plant these, we have put only a few varieties in storage and can only supply them in divisions of from 2 to 5 eyes, while the stock lasts.

## WHITE AND LIGHT SORTS

*Duchess de Nemours (Calot).	Sulphur-white with greenish reflex, cup-shape.....	Each	10	100
		\$0.50	\$3.75	\$28.00
Duc de Wellington.	Very large well-formed sulphur-white bloom, stems very firm and long; fragrant.....	.50	4.00	30.00
Festiva Alba.	Good white.....	.40	3.50	24.00
*Festiva Maxima.	Flowers of immense size, 7 to 8 inches in diameter, snow-white with red blotches on edges of center petals.....	.50	3.50	25.00
Jeanne d'Arc.	Soft pink, center sulphur-white and pale pink, very fragrant. Valuable for cut flowers. Very similar to Golden Harvest.....	.50	4.00	30.00
*Madame de Verneville.	Guard petals sulphur-white, center delicate rose-white, one of the most desirable of the white Peonies for all purposes.....	.40	3.60	25.00

## LIGHT AND DARK PINK AND ROSE

*Alexander Dumas.	Light violet-rose, of medium size. Each	10	100	
A creamy white collar of narrow petals mingled with the hite outer petals. A fine cut flower variety and a good producer. Early midseason.....	\$0.40	\$3.50	\$22.00	
Edulis Superba.	Clear pink.....	.40	3.50	25.00
Lady Leonora Bramwell.	Large pink, shaded lilac.....	.50	4.00	26.00
Princess Beatrice.	Light violet-rose.....	.50	3.50	24.00

## RED AND CRIMSON

Felix Crousse.	Best red.....	.70	6.00	45.00
Marechal Valliant.	Large light red.....	.45	4.00	30.00



MME DE VENEVILLE

FESTIVA MAXIMA

## UNNAMED PEONIES — Divided Roots of from 2 to 5 Eyes

	Doz.	100
Double White and Pink.....	\$2.40	\$15.00
Double Red.....	3.00	22.00
Double Mixed, two to five eyes.....	2.40	15.00

## PEONIES IN CASE LOTS

For several years we have sold specially packed cases. The roots are young and each has 2 to 5 eyes. These cases contain 75 double white, 75 double pink and 50 double red, each color separate—200 roots in all. Price, Case for \$33.00. We cannot divide cases.

## GERMAN IRIS

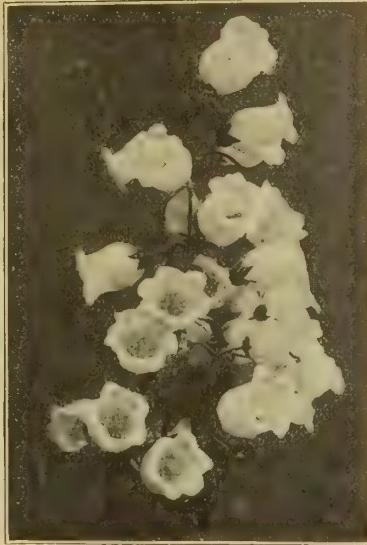
We call special attention to our list of these, especially the new varieties. German Iris are very much in demand and the new Iris Society just formed will stimulate the interest in the fine hardy plants. It is therefore advisable to make plantings of these so as to be able to meet the demand.

## HEMEROCALLIS KWANSO Fl. PI.

We have a surplus of these and make the following low price while they last. Per 100, \$6.00; per 1000, \$50.00.



**AQUILEGIA—Long Spurred**



### **CAMPANULA** (Canterbury Bell)



## **DELPHINIUM—Gold Medal Hybrids**

# HARDY PERENNIAL PLANTS

All Perennials are furnished in strong pot plants or divided field clumps. Not less than 6 sold at the dozen rates, or 25 at the hundred rates.

If wanted by PARCEL POST, 3 plants weigh about 2 lbs.; 6 plants, 3 to 4 lbs.; Dozen, 6 to 7 lbs.



HIBISCUS (Mallow Marvel)



FUNKIA (Day Lily)



GAILLARDIA Grandiflora

	Each	Doz.	100
GAILLARDIA Grandiflora, light yellow, red center	\$0.20	\$1.50	\$10.00
GYPSOPHILA Paniculata, Single, white, 1½ ft.	.20	1.50	10.00
Paniculata, Double, Flora Plena. Crop failed.			
HELIANTHUS. Multiflorus Fl Pl.	.25	1.75	12.00
HELIOPSIS Gratissima	.25	2.00	....
HEMEROCALLIS (Day Lily)—			
Citrina, pale citron yellow	.25	2.00	....
Flava, pale yellow	.15	1.20	8.00
Kwanso Fl. Pl., double orange	.20	1.20	8.00
Sovereign, chrome yellow	.25	2.00	....
Thunbergii, primrose flowers	.20	1.50	....
HEUCHERA, Brizoides Gracillima. Graceful stems of rosy crimson flowers; shaded pink	.25	2.00	....
Nancy Perry. Beautiful sprays of bright coral pink	.25	2.00	....
HIBISCUS—			
Mallow Marvels, white and pink	.25	1.75	12.00
Mallow Marvels, red	.30	2.50	15.00
Mixed Mallow Marvels	.25	1.75	12.00
HOLLYHOCK, Double white, pink, yellow, maroon	.25	1.75	12.00
Allegheny mixed	.25	1.75	12.00
HYPERICUM Moserianum (St. John's Wort). 3 ft. A splendid new shrub like plant with golden-yellow flowers	.25	1.75	12.00
LAVANDULA Vera, True Lavender	.25	2.00	....
LYCHNIS Chalcedonica, scarlet	.20	1.50	10.00
MERTENSIA Virginica	.20	1.50	10.00
MINT (Spear), 4-inch pots	.15	1.20	8.00
MONARDO Didyma. Terminal heads of rich scarlet flowers emitting a very pleasant scent	.25	1.75	12.00
NEPETA Mussini, Dwarf pale blue	.20	1.50	10.00
PACHYSANDRA Terminalis	.20	1.50	10.00
PAPAVER Nudicaule Yellow, orange or white	.20	1.50	10.00
PAPAVER Oriental, Royal Scarlet	.20	1.50	10.00
PHYSOSTEGIA Virginica Alba	.25	1.50	12.00
Grandiflora. Deep pink, 2 ft.	.25	1.75	12.00
PRIMULA Veris (Hardy Primrose). Mixed, 9 in.	.25	1.75	12.00
Rheingold. Yellow	.25	1.75	12.00
PYRETHRUM Roseum, Single. Mixed	.25	1.75	12.00
RUDBECKIA Golden Glow. Yellow	.20	1.50	10.00
SALVIA Officinalis. (Common Sage)	.15	1.20	8.00
Pitcheri (Meadow Sage)	.25	1.75	12.00
SEDUM Acre. Bright yellow	.20	1.50	10.00
Brilliant. Bright scarlet	.25	1.75	12.00
Rubrum	.25	1.75	12.00

## SPECIAL OFFER

For May 15th Delivery

50 Perennial plants, our selection, for	\$ 4.00
100 Perennial plants, our selection, for	7.00
250 Perennial plants, our selection, for	15.00

## HARDY PHLOX

	1—Early (D) Dwarf grower	2—Midseason (M) Medium grower	3—Late (T) Tall grower
Antonin Mercie (M. 2). A beautiful grayish lilac with white center	Each \$0.20	Doz. \$1.80	100 \$12.00
Crespuscule. Large cherry-red center edged pale violet-pink. The individual florets and spike are immense	.20	2.00	....
Etna. Dark crimson and orange without any markings Good sized flowers in compact trusses	.25	2.40	....
Maculata Alpha (T. 1). (Suffruticosa.) Dwarf early variety with dark pinkish mauve flowers, stems usually spotted and slender	.20	1.50	10.00
Miss Lassburg (T. 2). The purest snow-white in cultivation. Extra fine. Large open truss, ideal as a cut flower	.25	2.40	15.00
Miss Lingard (T. 1). (Suffruticosa.) Pure white; the earliest of all. Blooms all summer Good for cut flowers	.25	2.40	15.00
Mrs. Jenkins (M. 2). A very free-flowering early variety of medium height producing immense panicles of pure white flowers	.20	1.20	8.00
Rheinlander. A rare variety of great beauty, a rare shade of salmon-pink intensified by a distinct claret-red eye. Flowers and truss of unusual size	.25	2.40	....
Rhynstrom. (T. 2). Beautiful rosy-pink color not unlike that of Paul Neyron rose. A good strong grower and very free-flowering	.25	2.40	....
R. P. Struthers (T. 2). Rosy carmine with claret eye. Very bright	.20	1.80	12.00
Named Varieties. Mixed colors	.20	1.50	10.00
Wanadis. Mottled white and light violet, intensified bright purplish-red eye; very distinct	.25	2.40	....
Dwarf and Alpine Phlox			
Remarkable for their prostrate habit and mass of bloom in spring and early summer, being quite distinct from the Phloxes offered above. They are splendid subjects for the fronts of borders and over graves.			
Dwaricata Canadensis. One of our native species which is worthy of extensive planting. Commencing to bloom early in April and continuing through May with large fragrant lavender flowers on stems 10 inches high	Each \$0.25	Doz. \$1.80	100 \$12.00
Subulata Alba. Pure white	.20	1.50	10.00
Subulata Rosea. Rose-pink	.20	1.50	10.00
STATICE Latifolia. Lavender	.25	1.75	12.00
THALICTRUM Dipterocarpum. A new introduction from China. Very graceful plumes of rosy-purple flowers and conspicuous yellow anthers	.25	2.00	15.00
TRILLIUM Grandiflorium. White	.15	1.20	8.00
TRITOMA Pfizeri. (Red Hot Poker Plant)	.20	1.50	10.00
VERONICA Amethystiana. Spicata Alba	.25	1.75	12.00
Blue	.20	1.50	10.00
VINCA Minor. Grave Myrtle	.20	1.50	10.00
VIOLA Cuculata	.20	1.50	10.00
YUCCA Eilamentosa. White, 2-year	.25	1.75	12.00



PHYSOSTEGA VIRGINICA



PAPAVER NUDICAULE



HARDY IRISES

**HARDY IRISES**

<b>Pres. Thiers.</b>	"S" lavender blue; "F" deeper blue, white penculings.....	.20	\$1.20	\$ 8.00
<b>Queen Alexandra.</b>	"S" fawn, shot with lilac, "F" lilac reticulated at base bronze; beards yellow.....	.25	2.40	....
<b>Queen of May.</b>	"S" lilac-pink; "F" lilac blended with white; distinct.....	.15	1.00	6.00
<b>Rhein Nine.</b>	"S" white, very large; "F" rich violet-purple, narrow white edge.....	.25	2.00	10.00
<b>Stormcloud.</b>	(Nuee d'Orage). Very large flowers of grayish slate-blue with bronze shading; "F" purplish-blue. Very fine.....	.25	2.40	15.00
<b>Tamerlane.</b>	"S" pale violet; "F" deep purple. A new and splendid variety.....	.30	3.00	....
<b>Violacia Grandiflora.</b>	"Standards" and "Falls" clear violet-blue. The best true blue.....	.20	1.50	10.00
<b>MIXED.</b>	.....	1,000, \$30.00	... .60	4.00
<hr/>				
<b>HARDY IRISES—Continued</b>	Each	Doz.	100	
<b>Alcazar.</b>	"S" violet with bronze sheen; "F" rich crimson with lighter veins. A very rich and striking flower.....	.65	6.00	....
<b>Amas.</b> (Machrantha).	"S" rich blue; "F" violet.....	.25	2.00	....
<b>Archeveque (Archbishop).</b>	"S" Deep velvety violet with purple "Falls".....	.50	5.00	....
<b>Black Prince.</b> (Kochii Atro Purpurea)	A very striking dark flower.....	.20	1.50	\$10.00
<b>Candelabra.</b>	"S" Silvery mauve and "F" purple.....	.15	1.00	6.00
<b>Caprice.</b>	"S" reddish purple; "F" deeper purple.....	.15	1.00	6.00
<b>Caterina.</b>	"S" clear blue; "F" soft lilac. A new hybrid between Trojana and Pallida. Flowers of large size on stout branching stems.....	.50	5.00	....
<b>Celeste.</b>	Beautiful sky blue, very fine.....	.20	1.20	8.00
<b>Cherubin.</b>	"S" pale lilac; "F" pale lilac, veined purple.....	.15	1.00	7.00
<b>Clio.</b>	White "S" clear blue "F".....	.20	1.20	8.00
<b>Darius.</b>	"S" Primrose yellow; "F" lilac and primrose.....	.15	.75	5.00
<b>Dorothea.</b>	"S" mauve, deeper in center; "F" soft blue with orange veinings.....	.15	.60	4.00
<b>Dr. Bernice.</b>	"S" Coppery bronze; "F" Velvety crimson. Very handsome.....	.15	1.20	8.00
<b>Eldorado.</b>	"S" bronze, shaded yellow; "F" violet-purple touched with bronze-yellow.....	.15	1.20	8.00
<b>Fairy.</b>	Beautiful white with blue border and veinings.....	.25	2.40	....
<b>Florentina Alba.</b>	This is a good white.....	.15	1.20	8.00
<b>Frerin.</b>	"S" and "F" pale canary-yellow, merging to cream at base.....	.20	1.50	10.00
<b>Gajus.</b>	"S" yellow; "F" crimson and yellow.....	.15	1.00	6.00
<b>Gertrude.</b>	Deep violet-blue. Very fragrant.....	.15	1.00	6.00
<b>Isoline.</b>	"S" lilac-pink; "F" purplish old rose. A splendid flower and deliciously scented.....	.25	2.40	....
<b>Jeanne d' Arc.</b>	Clear lilac and white.....	.15	1.20	8.00
<b>Kharput (Italia).</b>	"S" violet; "F" violet-purple.....	.15	1.00	6.00
<b>L'Avenir.</b>	A beautiful shade of satin blue.....	.15	1.00	6.00
<b>Lohengrin.</b>	Large handsome silvery-mauve flowers.....	.25	2.40	....
<b>Loute.</b>	"S" light blue and heliotrope; "F" reddish purple and bronze. Flower of majestic proportions and striking color.....	.50	5.00	....
<b>Marian.</b>	"S" lavender-pink; "F" deep lavender-pink of soft distinct color.....	.20	1.50	10.00
<b>Maori King.</b>	"S" golden-yellow; "F" velvety maroon.....	.15	1.00	6.00
<b>Mme. Chereau.</b>	Pure white, with a broad and irregular border of clear blue, and are borne on strong upright stems that are often from two to three feet tall.....	.20	1.50	10.00
<b>Monsignor.</b>	"S" blush lavender; "F" violet with white penculings at throat.....	.20	1.50	10.00
<b>Mrs. H. Darwin.</b>	"S" clear waxy white; "F" white, violet veins.....	.15	1.00	6.00
<b>Nelly.</b>	"S" blue; "F" clear white with blue veining and blotches.....	.15	1.00	6.00
<b>Pallida Dalmatica.</b>	One of the most beautiful of all these Irises. Perfectly hardy, strong grower and very free-flowering. Exquisite shades of lavender-blue.....	.20	1.20	8.00
<b>Princess Victoria Louise (New).</b>	"S" immense sulphur-yellow; "F" plum color, shaded primrose.....	.20	1.20	8.00

**HARDY IRISES—Continued**

<b>Pres. Thiers.</b>	"S" lavender blue; "F" deeper blue, white penculings.....	.20	\$1.20	\$ 8.00
<b>Queen Alexandra.</b>	"S" fawn, shot with lilac, "F" lilac reticulated at base bronze; beards yellow.....	.25	2.40	....
<b>Queen of May.</b>	"S" lilac-pink; "F" lilac blended with white; distinct.....	.15	1.00	6.00
<b>Rhein Nine.</b>	"S" white, very large; "F" rich violet-purple, narrow white edge.....	.25	2.00	10.00
<b>Stormcloud.</b>	(Nuee d'Orage). Very large flowers of grayish slate-blue with bronze shading; "F" purplish-blue. Very fine.....	.25	2.40	15.00
<b>Tamerlane.</b>	"S" pale violet; "F" deep purple. A new and splendid variety.....	.30	3.00	....
<b>Violacia Grandiflora.</b>	"Standards" and "Falls" clear violet-blue. The best true blue.....	.20	1.50	10.00
<b>MIXED.</b>	.....	1,000, \$30.00	... .60	4.00
<hr/>				
<b>IRIS—Sibirica Orientalis</b>				
Strong free-growing Iris, adapting themselves to almost any location and producing a mass of flowers from June to August.				
<b>Each</b>	<b>Doz.</b>	<b>100</b>		
<b>Snow Queen.</b>	Pure white.....	.15	1.20	\$8.00
<b>Yale Blue.</b>	Deep blue.....	.15	1.20	8.00

**IRIS—Pumila Hybrida**

Dwarf form of German Iris, growing about 8 inches high, very free-blooming sweet scented and about two weeks earlier.	Each	Doz.	100
<b>Cyanea.</b> Cornflower lilac.....	.15	.75	\$5.00



YUCCA FILAMENTOSA

# Ornamental and Flowering Shrubs

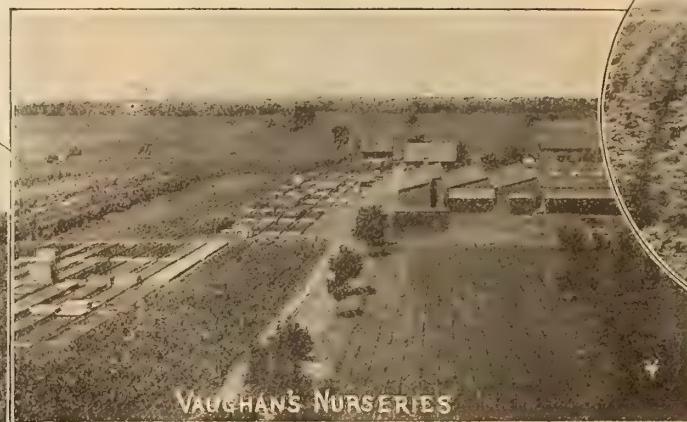
Our shrubs are Nursery-grown and are transplanted every two or three years. They are nice, shapely bushes with plenty of good fibrous roots, and are such plants as are in demand by the first-class retail trade. They should not be compared to stock that is never moved from the cutting or seedling beds until sold.

Our Nursery is located at Western Springs, 15 miles west of Chicago, on the C. B. & Q. R. R., two blocks south of 47th Street, on the continuation of East Boulevard.

Visitors are invited to inspect our stock at any time. We have a choice lot of specimens such as are not usually seen. Our customers will be pleased with the class of stock we send them.



FRUIT TREES



VAUGHAN'S NURSERIES



KOSTER'S BLUE SPRUCE

**Shipping Directions.** All stock is sold F. O. B., Western Springs. Packing charges to be added on all orders for shrubs, dormant roses, fruits, trees and vines, at cost. Always give full and explicit shipping directions, as our responsibility ends on delivery to the express or freight office in good condition. All trees, shrubs and plants shipped subject to customer assuming risk regarding their own State Nursery Inspection Regulations. Certificate furnished with each shipment.

Where personal selection of stock is made at our Nursery we charge according to its value.

	Each	10	100
ALMOND, Double Pink or Double White, 2 to 3 ft. bushy.....	\$0.65	\$6.00	.....
ALTHEA Frutex (Rose of Sharon), Double Pink, Red or White, 2 to 3 ft., extra bushy.....	.45	4.00	.....
3 to 4 ft.....	.60	5.00	.....
Single Blue, 2 to 3 ft.....	.50	.....	.....
ARALIA Pentaphylla, 2 to 3 ft., extra bushy.....	.40	3.50	\$30.00
3 to 4 ft.....	.50	4.50	.....
Spinosa, 2 to 3 ft.....	.45	4.00	.....
3 to 4 ft.....	.55	5.00	.....
BERBERIS (Box Barberry), 3-year.....	.40	3.50	25.00
Ilicifolia (Holly Leaved Barberry), 2 to 2½ ft., balled and burlapped.....	.75	7.00	.....
3 ft., Specimens.....	.90	8.00	.....
Thunbergii, 2 year, 12 to 18 in.....	.30	2.75	25.00
3-year, 18 to 24 in.....	.40	3.50	30.00
BUDDELEYA Var. Veitchiana, 2-year.....	.50	4.50	.....
CEPHALANTHUS Occidentalis (Button Bush), 3 to 4 ft.....	.45	4.00	.....
CERASUS Virginiana, 4 to 5 ft.....	.50	4.00	.....
CORNUS Mascula (Cornelian Cherry), 4 to 5 ft.....	.60	5.00	.....
Sanguinea, (European Red Osier), 3 to 4 ft., bushy.....	.45	4.00	.....
4 to 5 ft., bushy.....	.55	6.00	.....
Sibirica (Siberian Dogwood) 2 to 3 ft.....	.40	3.50	.....
3 to 4 ft., extra bushy.....	.45	4.00	.....
Stolonifera, 2 to 3 ft.....	.35	3.00	.....
Stolonifera Aurea, 2 to 3 ft., extra bushy.....	.40	3.50	.....
3 to 4 ft., extra bushy.....	.50	4.50	.....
CRAB, Bechtel's Dbl. Flowering, 4 to 5 ft., extra fine. 6 to 8 ft., Specimens.....	1.70	15.00	.....
..... \$5.00 to 7.50			.....
CRATAEGUS Carrieri (Cockspur Thorn), 6 to 7 ft., bushy.....	1.35	12.00	.....
CYDONIA (Pyrus)			
Japonica (Japan Quince), 3 to 4 ft., bushy.....	.50	4.50	38.00
4 to 5 ft., extra bushy.....	.70	6.00	45.00
Maulei, 3 to 4 ft.....	.60	5.00	45.00
Rubra Grandiflora, 3 to 4 ft.....	.65	5.50	40.00
Umbilicata, 3 to 4 ft.....	.65	5.50	45.00
4 to 5 ft.....	.80	6.00	50.00
DESMODIUM Penduliflorum, 2-year.....	.60	5.00	.....
DEUTZIA, Pride of Rochester, 4 to 5 ft.....	.50	4.50	.....
ELEAGNUS Angustifolia (Russian Olive), 4 to 5 ft. 6 to 7 ft., Specimens.....	.55	5.00	.....
..... .75	7.00	.....	.....

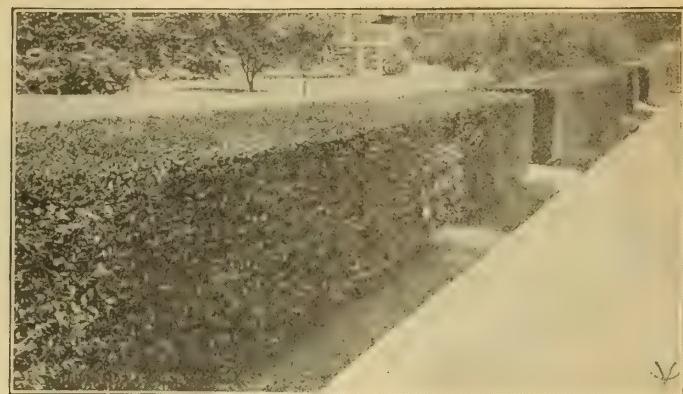
	Each	10	100
EUONYMUS Alatus (Burning Bush), 2 to 3 ft., extra bushy.....	\$1.00	\$9.00	.....
5 to 6 ft., Specimens.....	\$3.50 to 5.00	.....	.....
7 to 8 ft., Specimens.....	5.00 to 8.00	.....	.....
FORSYTHIA Intermedia, 3 to 4 ft., extra bushy.....	.35	3.00	\$25.00
4 to 5 ft., extra bushy.....	.45	3.50	30.00
4 to 5 ft. Specimens.....	.75	7.00	.....
HYDRANGEA Arborescens Grandiflora, 2-year, bushy. 3-year .....	.45	4.00	.....
Paniculata Grandiflora, 2 year, bushy. 3-year .....	.55	5.00	45.00
LIGUSTRUM Amurense (Amoor Privet, North). 2 to 3 ft., bushy.....	.30	2.50	20.00
3 to 4 ft., bushy.....	.35	3.00	25.00
Ibota, 2 to 3 ft., bushy.....	.30	2.50	20.00
3 to 4 ft., extra bushy.....	.35	3.00	26.50
Ovalifolium (Californian Privet), 2 to 3 ft., bushy.....	.25	2.00	15.00
LILAC. All sizes, extra bushy.			
Japonica, 3 to 4 ft.....	.80	7.50	.....
Tree Form, 4 to 5 ft.....	.90	8.00	.....
5 to 6 ft.....	1.25	10.00	.....
Mad. Lemoine, 3 to 4 ft.....	.80	7.50	.....
4 to 5 ft.....	1.00	9.00	.....
Marie Legraye, 3 to 4 ft.....	.70	6.00	.....
4 to 5 ft.....	.90	8.50	.....
Michel Buchner, 3 to 4 ft.....	1.10	10.00	.....
4 to 5 ft.....	1.25	11.00	.....
Persian Purple, 2 to 3 ft.....	.60	5.00	.....
Vulgaris Purpurea, 3 to 4 ft., extra bushy.....	.50	4.50	35.00
4 to 5 ft., extra bushy.....	.60	5.00	45.00
5 to 6 ft.....	.70	6.00	55.00
LONICERA			
Morrowi, 2 to 3 ft., extra bushy.....	.40	3.00	.....
4 to 5 ft., extra bushy.....	.70	6.00	.....
Tatarica Alba, 3 to 4 ft., extra bushy.....	.50	4.00	.....
Rosea, 3 to 4 ft., extra bushy.....	.45	3.50	.....
4 to 5 ft., extra bushy.....	.75	7.00	.....
Rubra, 6 to 7 ft.....			1.00

NOTE—Less than 5 of a size charged at the single rate.



## HYDRANGEA

	Each	10	100
MALUS Arbutifolia (Choke Cherry), 3 to 4 ft.	\$0.50	\$4.50	.....
Niedwetkiana, 6 to 7 ft.	1.25	11.00	.....
7 to 8 ft.	1.50	12.50	.....
MORUS Tatarica (Russian Mulberry), 3 to 4 ft.	.30	2.50	\$20.00
PHILADELPHUS (Syringa) Avalanche, 2 to 3 ft.	.65	6.00	.....
Bouquet Blanc, 3 to 4 ft.	.60	5.50	.....
Coronarius Aureus, Golden, 2 to 3 ft.	.65	5.50	.....
Grandiflorus, 3 to 4 ft.	.50	4.50	.....
Lemoinei Erectus, 3 ft., bushy	.60	5.50	.....
PRUNUS Pissardi (Purple-leaved Plum) 4 to 5 ft.	.60	5.50	.....
5 to 6 ft.	.70	6.00	.....
Triloba, 3 to 4 ft.	.80	.....	.....
RHAMNUS Catharticus (Buck Thorn).			
5 to 6 ft.	.55	4.50	35.00
6 to 8 ft., Specimens.	.60	5.00	40.00
Frangula (Alder Buck Thorn), 5 to 6 ft.	.75	6.50	.....
RHUS Cotinus (Smoke Tree), 3 to 4 ft.	.60	.....	.....
Copallina, 3 to 4 ft.	.40	3.50	.....
Glabra, 3 to 4 ft.	.35	3.00	25.00
Typhina Laciniata (Cut-leaved), 3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.00	.....
ROSA Rubiginosa, 4-year.	.50	4.00	.....
Rugosa Rubra, 2-year.	.50	4.50	.....
SALIX (Willow) Britzensis, 3 to 4 ft.	.40	3.50	.....
Discolor (Pussy Willow), 3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.45	4.00	35.00
5 to 6 ft., extra bushy	.75	6.50	.....
Laurifolia, 4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.45	4.00	35.00



## PRIVET HEDGE

	Each	10	100
SALIX—Continued.			
Viminalis (Common Osier), 5 to 6 ft.	\$0.55	\$5.00	.....
Vitellina Aurea, 5 to 6 ft.	.55	5.00	.....
SPIRAEA Arguta Multiflora, 2 to 3 ft.	.45	4.00	.....
Anthony Waterer, 12 to 18 in.	.55	5.00	.....
Billardii, 2 to 3 ft.	.40	3.00	.....
Callosa Alba, 12 to 18 in.	.55	5.00	.....
Opulifolia, 4 to 5 ft.	.35	3.00	\$25.00
5 to 6 ft.	.40	3.50	28.00
Thunbergii, 18 to 24 in.	.40	3.50	.....
Van Houttei (Bridal Wreath), 2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	35.00
SYMPHORICARPUS (Snowberry).			
Racemosus, 2 to 3 ft.	.30	2.50	.....
Colorado, 3 to 4 ft.	.50	4.00	35.00
Vulgaris (Indian Currant), 3 to 4 ft.	.50	4.00	.....
TAMARIX Amurensis, 4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.00	35.00
6 to 7 ft.	.55	4.50	40.00
VIBURNUM Lantana, 3 to 4 ft.	.45	4.00	.....
4 to 5 ft.	.60	5.00	.....
Opulus (High Bush Cranberry).			
3 to 4 ft.	.50	4.50	.....
6 to 7 ft., Specimens.	1.25	.....	.....
Sterile, 3 to 4 ft.	.50	4.50	.....
WEIGELIA Amabilis, 2 to 3 ft.	.50	4.50	.....
Nana Variegata, 2 to 3 ft.	.50	4.50	.....
Rosea, 2 to 3 ft.	.50	4.50	.....
3 to 4 ft.	.60	5.00	.....



LILAC—Marie Legraye



SPIRAEA—Van Houttei (Bridal Wreath)



NORWAY MAPLE



A BLOCK OF EUROPEAN ELMS AT OUR NURSERIES



LOMBARDY POPLAR

## Ornamental and Shade Trees

**ASH (*Fraxinus Americana*), American Ash.**

	Each	10	100
7 to 8 ft.	\$1 25	\$10 00	....
8 to 10 ft., 1½ to 2 in. caliper.	1 50	12 50	\$100 00
10 to 12 ft., 1½ to 2 in. caliper.	2 00	16 00	120 00

**BETULA Papyracea. (Canoe Birch.)**

	2 00	18 00	....
8 to 10 ft.	2 00	18 00	....
CATALPA Bungei, 5 to 6 ft., clear stem, 2 year heads.	2 00	....	....
Kaempferi. 8 to 10 ft., 1½ to 2 in. caliper.	1 50	12 50	100 00
10 to 12 ft., 2 to 2½ in. caliper.	2 00	17 50	....
Speciosa, 8 to 10 ft., 1½ to 2 in. caliper.	1 50	12 50	100 00
10 to 12 ft., 2 to 2½ in. caliper.	2 00	17 50	150 00
12 to 14 ft., 2½ to 3 in. caliper.	2 50	22 50	200 00

**ELM (*Ulmus*) Americana.**

	1 50	14 00	125 00
10 to 12 ft., 2 to 2½ in. caliper.	2 50	22 50	200 00
12 to 14 ft., 3 in. caliper.	3 50	32 50	300 00
12 to 14 ft., 3½ in. caliper.	4 50	42 50	400 00
12 to 14 ft., 4 in. caliper.	5 50	52 50	....

For larger trees write for prices.

**Campestris. (English Field)**

	4 00	37 50	350 00
12 to 14 ft., 3 in. caliper.	5 00	47 50	450 00
12 to 14 ft., 4 in. caliper.	6 00	57 50	500 00
4½ in. caliper.	7 50	70 00	650 00
5 in. caliper.	10 00	90 00	....

**Campestris Latifolia. (Broad leaved English).**

	2 00	17 50	....
10 to 12 ft., 1½ to 2 in. caliper.	2 50	22 50	....
10 to 12 ft., 2 to 2½ in. caliper.	3 00	27 50	....
12 to 15 ft., 2½ in. caliper.	4 00	37 50	....
3 in. caliper.	5 00	47 50	....

**Ulmus Superba. (Scotch Elm.)**

	2 00	17 50	....
8 to 10 ft., 1½ to 2 in. caliper.	2 50	22 50	....
10 to 12 ft., 2 to 2½ in. caliper.	3 50	32 50	....

**Vegeta. (Huntington)**

	2 00	17 50	....
8 to 10 ft., 1½ to 2 in. caliper.	2 50	20 00	....
10 to 12 ft., 3 in. caliper.	3 00	27 50	....

**PURPLE LEAVED. (*Purpurea*)**

	\$ 6 00	to 8 00	....
15 to 18 ft., 3 to 3½ in. caliper.	8 00	....	....
18 to 20 ft., 3½ to 4 in. caliper.	8 00	10 00	....
18 to 20 ft., 4½ to 5 in. caliper.	10 00	15 00	....

**LOCUST. Black.**

	Each	10	100
8 to 10 ft.	\$ 0 85	\$ 7 50	....
Honey	1 25	10 00	....

**Honey**

	80	7 00	\$ 50 00
8 to 10 ft.	1 25	10 00	....

**MAPLE, SOFT. (*Acer Dasycarpum*)**

	1 50	12 00	....
1½ to 2 in. caliper.	1 25	10 00	....

**Norway (*Acer Platanoides*)**

	3 00	27 50	....
10 to 12 ft., 2 in. caliper.	4 00	37 50	....
10 to 18 ft., 2½ in. caliper.	5 00	47 50	....

**WEEPING MULBERRY**

	2 50 to 3 00	....
5 to 6 ft., Clear stem, 2-year head.	2 50	22 50

**PLANE, London**

	1 25	11 00	95.00
8 to 10 ft., 1 to 1½ in. caliper.	2 00	18 50	175 00
10 to 12 ft., 1½ to 2 in. caliper.	2 50	22 50	....

**POPLAR. Bolleana.**

	1 50	12 50	....
8 to 10 ft., 1 to 1½ in. caliper.	2 00	15 00	....
10 to 12 ft., 2 to 2½ in. caliper.	2 50	22 50	....

**Carolina**

	1 25	10 00	....
10 to 12 ft., 1½ to 2 in. caliper.	1 75	15 00	....
12 to 14 ft., 2 to 2½ in. caliper.	2 00	20 00	....

**Lombardy.**

	65	6 00	50 00
8 to 10 ft.	80	7 00	60 00

**TREE OF HEAVEN**

	60	....
5 to 6 ft.	1 15	10 00

**WALNUT, Japanese. (*Sieboldii*)**

	1 35	12 00
7 to 8 ft.	8 00	....

**OAK, Pin. (*Quercus Palustris*)**

	2 00	17 50	....
6 to 7 ft., 1 to 1½ in. caliper.	3 00	25 00	....
8 to 10 ft., 1½ to 2 in. caliper.	3 00	25 00	....

**Red. (*Quercus Rubra*)**

	2 00	17 50	....
6 to 7 ft., 1 to 1½ in. caliper.	3 00	25 00	....
8 to 10 ft., 1½ to 2 in. caliper.	3 00	25 00	....

**NOTE:** We have 15,000 Elms in our Nurseries to select from and invite customers interested in large quantities, for estate or subdivision planting, to inspect our stock and get our special quantity prices.

PUSSY WILLOW (*Salix Discolor*)**ATTENTION****A BIG MONEY-MAKER FOR THE FLORIST**

**PLANT PUSSY WILLOW,** the true variety. You can force the branches any time in Winter and make a good price for them.

**SALIX DISCOLOR.**  
4 to 5 ft., extra bushy,  
per dozen, \$3.50;  
100, \$30.00.

**Vaughan's VIGOR Strawberry Plants**

Our plants are grown under ideal conditions in Northern Michigan. Note illustration for root development of a single specimen. They have been developed from selected plants. We expect to make "Vaughan's Vigor" Strawberry Plant the standard for the country. We know you will be pleased. Varieties below are up-to-date.

Write for pamphlet on Strawberry Culture.

**AROMA.** (Per.) Late. One of the most popular late varieties. Fruit large to very large; holds its size well throughout all the pickings. Berry is roundish, conical, smooth and perfect in form and of a beautiful bright glossy red in color; very firm and of high quality. Its rich aromatic flavor has suggested its name. The habit of spreading which this variety possesses opens the way for the sunlight to reach the crown. The leaves are broad, clean and smooth and of a dark green color. Price, 100, \$1.00; 1000, \$8.50.

**BIG JOE.** (Per.) Late. Fruit large roundish, conical, even in size and shape and holds its size well until the last picking. Dark glossy red, firm and of excellent quality, adapted to practically all conditions of soil and climate. A splendid producer. A good pollinator for the late imperfect blossoming varieties. Also known as the Joe Johnson. Price, 100, \$1.25; 1000, \$9.00.

**BRANDYWINE.** (Per.) Medium late. Large deep red fruit, and a fancy market product. Flesh firm and red all the way through. The flavor of Brandywine is very distinctive. A general favorite because of its many fine points and its high productivity. Foliage dark green, roots deep, enabling it to endure more dry weather than most varieties. It thrives in any kind of soil and under any reasonable climatic conditions. Price, 100, \$1.25; 1000, \$9.00.

**SMALL FRUITS**

Not Less than 25 at the 100 Rate

**GRAPES**

	2-year	3-year	2-year	3-year
Agawam (Red or Maroon)	\$3.00	\$4.00	Delaware (Red) .....	\$3.00 \$4.00
Brighton (Red) .....	3.00	4.00	Diamond (Early White) ..	3.00 4.00
Campbell's Early (Black) ..	3.50	...	Moore's Early (Black) ..	3.00 4.00
Catawba (Red) .....	3.00	4.00	Niagara (White) .....	3.00 4.00
Concord (Black) .....	2.50	3.50	Worden (Purple) .....	3.00 4.00

**RASPBERRIES**

Colossal .....				
Cumberland .....				
Cuthbert .....				
Columbian .....				
Gregg .....	10	100		
Herbert .....	\$0.70	\$4.00		
Kansas .....				
Loudon .....				
Marlboro .....				
Older .....				
St. Regis .....				

**BLACKBERRIES**

Ancient Briton .....				
Blowers .....	10	100		
Eldorado .....	\$0.75	\$5.00		
Snyder .....				
RHUBARB. Vaughan's Mammoth .....				
1-year Selected stock .....	100	\$4.00		
2-year extra strong .....		7.50		
3-year for forcing .....		25.00		

**Strawberry Plants**

**DR. BURRELL.** (Per.) Medium early. The berries are large, delicious and beautifully formed. The surface of the berry is a deep glossy red only a trifle lighter in color than the Senator Dunlap. The meat is solid and rich. Its long and heavy root system makes it a splendid drought resister. The foliage is large and of a dark green, having a tough leaf tissue insuring freedom from leaf spots. Price, 100, \$1.00; 1000, \$8.00.

**GIBSON.** (Per.) Medium early. Berries are large and regular in shape, holding their size well to the end of the season. Color rich red. Flavor is neither sweet nor sour, but just right for canning. Extremely productive, in fact we know of no variety that will produce more quarts of berries per acre than the Gibson. It makes a strong vigorous plant that withstands adverse conditions admirably. This variety seems to embody every requirement necessary for a profitable berry. We recommend it and know you will not make any mistake in planting Gibson. Price, 100, \$1.00; 1000, \$8.00.

**HERITAGE.** The plant is very large, of extremely heavy texture, some single-crown plants carrying foliage with a spread of 20 to 22 inches. Deep rooted and extremely free in fruiting, beginning to ripen its fruit about early midseason and continuing to very late. The berry is dark, shiny, crimson to the center. Has a perfect blossom. Carries an unusually heavy green calyx, adding decidedly to its market value. Extremely large from the first picking to much above the average for the main crop and continuing large after the better known varieties are gone. We have fruited the Heritage for several seasons and every year grow more enthusiastic over it. Don't fail to include this one in your list, as it will prove a money-maker for you. Price, 100, \$1.00; 1000, \$8.00.

**PREMIER.** (Per.) Early. Berries are large, beautifully formed, red through and through; flavor delicious. A splendid shipper. The deep havy rooting system makes the plant a strong drought resister, and it is especially adapted to any soil or climate, giving you a big crop of fancy berries which will sell at highest prices. Where extra fancy early fruit is wanted we advise this. Price, 100, \$1.50; 1000, \$10.00.

**SENATOR DUNLAP.** (Per.) Midseason. The fruit is dark red with glossy finish, shading to a deep scarlet on the underside. The meat is a bright red all through and exceedingly juicy. It succeeds everywhere and with everybody—the new beginner as well as with the veteran grower—but should not be allowed to mat too thickly. For a medium sized productive early to midseason berry you need not hesitate to plant Dunlap. One of the best and most popular. Price, 100, \$1.00; 1000, \$8.00.

**PROGRESSIVE.** (Fall bearing.) You can have strawberries just as easily in the Fall as in the Spring by planting the Progressive which is the best of all Fall or Everbearing Strawberries. This is the strongest growing plant of all the Fall-bearing varieties we have tried. The plants are very large and heavily rooted, producing a phenomenal crop of medium to large fruits of a dark red color, both inside and out, and of sweet mild flavor. Think of having all the berries you can use on your table during the months of September, October and November, and later, if not killed by freezing weather. Price, of Fall bearing, 100 for \$1.75; 1000 for \$12.50; by express at buyer's expense.

**SPECIAL OFFER No. 19.** A Strawberry collection, 100 fine strong plants (Spring delivery only) in four good sorts, our selection, postpaid, for \$1.15.

**POT GROWN STRAWBERRIES FOR FALL PLANTING**

Write for Prices.

# SUMMER FLOWERING BULBS FOR WHOLESALE TRADE ONLY



CALADIUM ESCULENTUM

TUBEROSES

Well Cured Bulbs. Free From Rot.

Owing to the high prices of cotton the past four years due to war conditions, and the complete decline of export business which has been the backbone of this industry, very few bulbs of the **true strain** "Dwarf Excelsior Pearl Tuberoses," were planted. We, however, have received in addition to the single varieties a limited quantity which we offer as follows:

	100	1000
Dwarf Excelsior Pearl, second size, 3 to 4-inch.....	\$1.75	\$15.00
first size, 4 to 6-inch.....	2.75	22.50
Variegated Leaved, single.....	2.85	25.00
Albino, early single white.....	2.85	25.00
Armstrong's Ever Blooming.....	2.85	25.00
Mexican.....	2.85	25.00

LILY BULBS AND VALLEY

## FROM ICE STORAGE

Progressive Florists are rapidly coming to recognize the demand for Lilies for summer use, and each year an increasing number are using their empty benches for this stock to great advantage. **We can ship this stock on one day's notice from New York or Chicago.** When orders are placed with us for cold storage stock, we set same aside, but cannot be responsible for not being able to produce the bulbs or pips if same have been destroyed by fire or any other cause beyond our control. **We accept no responsibility whatever for results in forcing cold storage stock or for damage in transit.** Prices subject to change.

LILUM LONGIFLORUM GIGANTEUM

	Per 100	Case.
7 to 9-inch. Packed 100 bulbs to case.....	\$20.00	
7 to 9-inch. " 300 "		
7 to 9-inch. Special grade, packed 270 bulbs to case.....	\$55.00	
8 to 10-inch. Packed 225 bulbs to case.....	60.00	

Write for Prices on 3 to 5 Case Lots.

LILY OF THE VALLEY PIPS

Prices subject to change

LONDON MARKET STRAIN

These are **Chicago** storage prices. Customers of our **New York** house will please ask for prices there. Our cases are numbered and "stock marked" and these records show on your invoice. You can thus "repeat" your orders with assurance of receiving the same grade and packing. Try us. Book now for future dates and secure your supply.

Packed 250 to case.....	Per case \$ 9.50
Packed 500 to case.....	Per case 18.00
Packed 1000 to case.....	Per case 35.00

## All Prices Subject to Change Without Notice

THE following are produced on contract for Vaughan's Seed Store at Chicago and New York. They should be sound, well matured and the best selection of the crops of each sort, as thus far, for crops amounting to many millions of bulbs, we have paid our growers for over thirty-five years, 100 cents on the dollar.

VAUGHAN'S NEW HYBRID AMARYLLIS

One of the finest strains of Amaryllis we have ever seen, raised by an eminent grower whose entire stock and hybridization for a dozen years we have purchased in its entirety. Flowers are immense, borne mostly two and three to a stem, in an amazing and beautiful range of colors, blended, splashed and striped in a manner not seen in other strains. The bulbs are all large, three inches or above and are sure bloomers. We are offering this splendid stock at half the prices asked by Dutch and English growers. Try 25 or 50; will retail quick at \$1.00 to \$1.50 in bloom.

Price, each, 45c; doz., \$4.50; 100, \$32.00.

Doz. 100	
Belladonna Major. Pink .....	\$3 00 \$20 00

CALLAS—For Spring Planting

**Elliottiana.** This meritorious California novelty has not received the attention it deserves. Watch the crowds who admire this striking clear yellow flower at the big shows and you will find buyers interested.

	Doz. 100
1 1/4-inch.....	\$3.00 \$20.00
1 1/2-inch.....	4.25 27.00

CALADIUM ESCULENTUM

(Elephant's Ear)

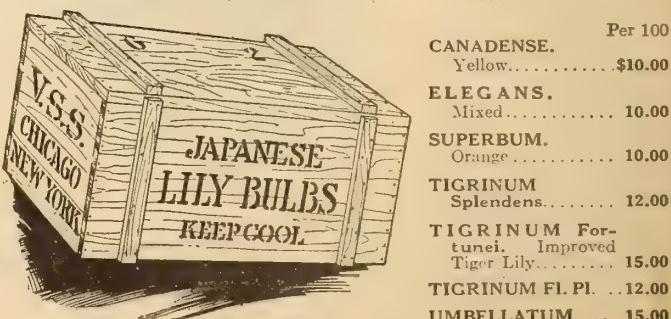
Sizes	Doz. 100 1000
5 to 7-inch circumference.....	\$.60 \$ 3.50 \$ 27.50
7 to 9-inch circumference.....	90 5.50 45.00
9 to 11-inch circumference.....	1.50 10.00 90.00
11 to 12-inch circumference.....	3.00 20.00 150.00
12-inch and upwards, very large.....	4.00 25.00 225.00

MISCELLANEOUS BULBS

	Doz. 100 1000
APIOS TUBEROSA. Climber.....	\$.60 \$ 3.75 \$ 30.00
CHLIDANTHUS FRAGRANS.....	60 3.50 27.50
CINNAMON VINES. Climber.....	65 4.00 33.00
HYACINTHUS CANDicans. 1-2 inches.....	65 4.00 35.00
ISMENE CALATHINA.....	1.40 9.00 80.00
MADEIRA VINE. 2-3 inches.....	65 3.50 30.00
MADEIRA VINE. 3 inches and up.....	70 4.50 40.00
OXALIS. In separate colors.....	80 5.50
ZEPHYRANTHUS CANDIDA.....	55 3.50 30.00
ZEPHYRANTHUS ROSEA.....	1.50 10.00 90.00

LILY BULBS—General List

New Season's Bulbs. Repacked Cases. Sound When Shipped.	Size and Diameter.	Per 100	Per Case
AURATUM. 8 to 9 inches, 180 to case.....		\$17.00	\$30.00
9 to 11 inches, 125 to case.....		26.00	30.00
ALBUM. White, 8 to 9 inches, 200 to case.....		16.00	30.00
9 to 11 inches, 140 to case.....		26.00	30.00
MAGNIFICUM RUBRUM. 8 to 9 inches, 200 to case....	9 to 11 inches, 140 to case.....	15.00	28.00
		24.00	28.00



Per 100
CANADENSE. Yellow..... \$10.00
ELEGANS. Mixed..... 10.00
SUPERBUM. Orange..... 10.00
TIGRINUM Splendens..... 12.00
TIGRINUM Fortunei. Improved Tiger Lily..... 15.00
TIGRINUM Fl. Pl. 12.00
UMBELLATUM.... 15.00

# Gladioli for Florists

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

Grown on our own Farms. From our own Planting Stocks. Machine Graded. True to Name.

Our "First Size" will as usual show a good percentage of "overs," containing a strong percentage 1 1/4 to 2 inches.

Ask us for free samples. Do not buy elsewhere without comparing liberal sized samples with ours.

Bulbs for forcing under glass, are carefully selected for this purpose.

## MRS. FRANCIS KING

### LEADING DECORATIVE GLADIOLUS FOR THE TRADE

This has become the most popular and effective variety for window, store and hotel decorations. The long, strong flower stalks and foliage, its effective flower spike with a good line of reserve buds continually opening, with flower 1 1/2 inches across, five to six flowers well spread out on the spike at the same time, its brilliant vermillion scarlet color gives for vases, in hotel lobbies and dining rooms, parlor decorations, etc., an effect not produced in any other Gladiolus.

Price, First size, per 100, \$2.60; per 1,000, \$22.00.

Medium size, per 100, \$2.00; per 1,000, \$18.00.

## MARGARET

A brilliant carmine, with a large white blotch on the lower petals, the white and carmine, blending into a violet tint. The spike is straight and strong.

Price, First size, per doz., \$1.75; per 100, \$14.00.

## EUROPE

The best pure white Gladiolus. Very large and free-flowering. Often 12 flowers open at the same time.

Price, First size, per doz., \$1.75; per 100, \$14.00.

## MYRTLE

Tender and delicate rose-pink. "The most beautiful pink yet produced in Gladiolus." Brings high price in the Chicago market.

Price, medium size bulbs, per 100, \$7.00; per 1,000, \$65.00.

## PRIMULINUS "SUNBEAM" (Vaughan's Introduction)

One of the first varieties of Primulinus blood in America to receive a name. This variety, which we introduced in 1914 for the first time, is a cross of select yellows from the Primulinus Mixture, with the variety Sulphur King. Its strong growth and clear yellow color mark it for a leader in this class. The graceful form of all the Primulinus class insures their popularity in our best American gardens as soon as they become known.

Price, First size, 100, \$7.00; per 1,000, \$65.00.

## CHICAGO WHITE (Vaughan's Introduction)

### THE EARLIEST WHITE

If you want the earliest possible cut Gladiolus, use this. The flowers are well expanded, well placed upon the stalk, pure white with faint lavender streaks in the lower petals.

It has great value for flower designs, the spikes are just large enough, full and white for quick and effective making up of all floral works. There is a fixed demand for this variety for early use, both indoors and out.

Price, First size, per 100, \$3.50; per 1,000, \$30.00. Medium size, per 100, \$3.00; per 1,000, \$25.00.

## AMERICA

This is the main crop pink Gladiolus for the florists, both for sale as a cut-flower or use in design work. An easy forcer and a money-maker for the florist.

Price, First size, per 100, \$2.60; per 1,000, \$22.00. Medium size, per 100, \$2.00; per 1,000, \$18.00.

## AUGUSTA

The best Florists' White Gladiolus. We are headquarters for this variety, having a splendid stock of large healthy bulbs.

Price, First size, per 100, \$3.75; per 1,000, \$32.00. Medium size, per 100, \$3.00; per 1,000, \$25.00.

## PRINCEPS (Vaughan's Introduction)

Popular beyond every other variety, both in this country and throughout Europe. It has made a class for itself, and you do not have the best until you buy it. Individual flowers are 5 1/2 inches in diameter and sometimes one inch larger, color being a brilliant scarlet-crimson with three broad white blotches on the lower petals.

Price, First size, per 100, \$6.00; per 1,000, \$55.00.

## SCHWABEN

A variety of extreme vigor, many of the bulbs producing two or three flowering stalks which very often produce side branches besides. The stalk produces about 20 very large flowers, 6 to 8 usually open at one time. The color is the best, of clear canary-yellow, shading to a soft sulphur-yellow when opening. Price, First size, per 100, \$5.00; per 1,000, \$45.00. Medium size, per 100, \$4.50; per 1,000, \$40.00.

## HALLEY

This is one of the earliest of Gladioli, and we strongly recommend it for cutting on account of its exquisite color. Delicate salmon-pink, a pale ground showing at the throat, which is marked with small red stripes. Price, First size, per 100, \$4.00; per 1,000, \$35.00.

Medium size, per 100, \$3.50; per 1,000, \$30.00.

## NIAGARA

In color the flowers are a delightful cream shade with the two lower inside petals or segments blending canary-yellow. The throat is splashed with carmine, and the lower ends of the outside petals are also blushed with carmine.

Price, First size, per 100, \$4.50; per 1,000, \$40.00.

Medium size, per 100, \$4.00; per 1,000, \$35.00.



MRS. FRANK PENDLETON

## MRS. FRANK PENDLETON

One of the most exquisitely colored and formed Gladiolus in our entire list. In addition, the size of bloom is not exceeded by any other. The color is a delicately flushed salmon-pink. The blooms are wide open and are arranged individually on slender, but wiry stems. Each flower is strikingly marked with rich maroon blotch on the three lower petals.

Price, First size, per 100, \$4.50; per 1,000, \$40.00.

Medium size, per 100, \$4.00; per 1,000, \$35.00.

## PANAMA

This seedling of America resembles the parent variety in every way except that it is a much deeper pink. A grand variety which evokes words of praise wherever exhibited. Spike very long with flowers large and well arranged.

Price, First size, per 100, \$4.00; per 1,000, \$35.00.

Medium size, per 100, \$3.50; per 1,000, \$30.00.

## VAUGHAN'S MIXTURES

We make all of our mixtures of these bulbs ourselves, using named varieties and mixtures of proven merit; by this method we can safely guarantee our customers satisfaction when buying our mixtures.

**VAUGHAN'S XXX FLORIST. MIXTURE.** Made up from named white and light varieties and mixtures of light colors only, and designed to meet the demands of our florist customers for a mixture suitable to be used for cut flowers.

Price, First size, per 100, \$2.75; per 1,000, \$25.00.

**RAINBOW MIXTURE.** Composed of the choicest named varieties and including also many of Vaughan's best named, Vilimorin kinds and Nanceianus sorts. The best mixture from best existing kinds, and is without an equal in America.

Price, First size, per 100, \$4.50; per 1,000, \$40.00.

**EXTRA FINE MIXED.** This mixture is specially grown for us, and is further improved by us when received from the grower by the addition of many choice new kinds, including some of Vaughan's named, insuring a wide range of colors, shades and types.

Price, First size, per 100, \$3.00; per 1,000, \$27.00.

**STANDARD MIXED.** This mixture contains a very complete range of colors. Price, large bulbs, per 100, \$2.50; per 1,000, \$20.00.

Medium size, per 100, \$2.00; per 1,000, \$18.00.

## GLADIOLUS. Separate Colors



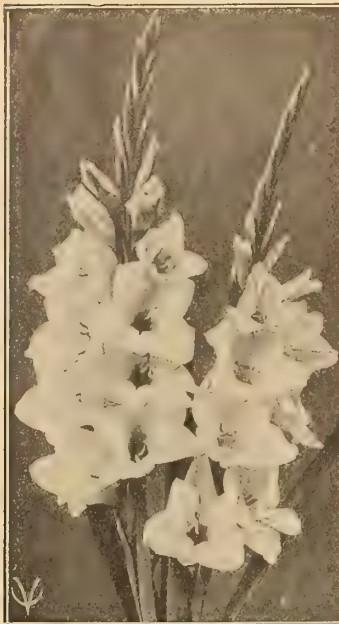
HALLEY

	100	1000	100	1000
Blue shades..	\$5.00	\$45.00	Pink shades..	\$2.75 \$22.50
Red and scar-			Yellow shades..	4.00 35.00
let shades..	2.75	22.50		

# Named Gladioli

All prices subject to change without notice.

The following ALPHABETICAL LIST comprises in connection with the varieties on preceding page the leading Gladiolus bulbs, the cost of which permits use by Florists. Names printed in capital letters are recommended as best commercial sorts.



SCHWABEN

	Doz.	100	1000
<b>Contrast.</b> Large scarlet with white center	\$4.00	\$27.00	....
<b>Cracker Jack.</b> Dark red, throat spotted, yellow and maroon	.55	3.50	\$30.00
<b>Crystal White.</b> Very tall spike, flowers white with faint markings	.60	4.00	35.00
<b>EVELYN KIRTLAND.</b> Beautiful shade of rosy pink, darker at the edges, fading to shell-pink at the center, with brilliant scarlet blotches on lower petals	1.35	8.50	80.00
<b>Europe.</b> We consider the best pure white in the trade	2.00	14.00	....
<b>Empress of India.</b> Rich deep purplish-red	.80	5.50	50.00
<b>E. J. SHAYLOR.</b> Pure deep rose-pink	1.60	12.00	110.00
<b>Florence.</b> Bright lilac, white blotch on the two lower petals. Very strong stalk	2.50	17.00	....
<b>Fire King.</b> Intense fiery scarlet	.60	4.00	35.00
<b>Glory of Holland.</b> Good white	.75	5.00	45.00
<b>GLORY. (Ruffled).</b> Delicate cream-pink, crimson stripes in center of lower petal	.90	6.00	55.00
<b>Gretchen Zang.</b> Soft melting shade of pink, blending into scarlet on lower petals, spike tall and graceful	1.00	6.50	60.00
<b>HALLEY.</b> Delicate pink, early, an all round florist's flower	.60	4.00	35.00
<b>Herada.</b> Blooms of immense size on tall straight spikes. Tall large blooms are pure mauve, glistening and clear, with deeper markings in throat. A very attractive color	1.50	10.00	90.00
<b>Hyde Park.</b> Sparkling white, feathered rose	.80	5.50	50.00
<b>JOE COLEMAN.</b> Rich red ruffled	1.60	12.00	100.00
<b>Jessie.</b> Rich velvety red. Our Introduction	1.75	13.00	110.00
<b>Klondyke.</b> Light yellow with crimson maroon blotch	.55	3.25	27.00
<b>Loveliness.</b> Cream colored variety of good form and substance	1.00	6.50	60.00
<b>L'IMMACULEE.</b> Pure white	1.00	6.50	60.00
<b>Lutin.</b> Cherry-red with deep crimson blotch	2.00	15.00	....
<b>Lustrous.</b> Orange-rose, lower petals have a large throat blotch of yellow	1.00	6.50	60.00
<b>Mad. Monneret.</b> Delicate rose	.50	3.00	25.00
<b>Margaret.</b> Brilliant carmine with a large white blotch on lower petals. This is a 'comer.' Try it	1.75	14.00	....
<b>Marie Therese.</b> White with a few rosy stripes	1.25	8.00	....
<b>Martha Washington.</b> Light red, but with dark almost black blotches on three lower petals	1.25	8.00	75.00
<b>Mary Blackman.</b> Salmon-red, lower petals feathered and penciled at the base with carmine on a rich yellow	1.60	12.00	....

Marietta, Ga., March 10th, 1921

Gladiolus arrived safely and quickly. They are magnificent bulbs, and I thank you very much.

Very truly yours,

MRS. HENRY MEINERT.

Petersburg, Va., August 3rd, 1921  
We are getting excellent reports from the Gladiolus that we bought from you in the spring; they have stood the dry weather that we have had better than any we have ever sold.

Very truly yours,

W. H. HARRISON CO., Inc.

	Doz.	100	1000
<b>Autumn Queen.</b> The best Autumn Gladiolus. Cream-yellow, upper petals suffused with peach-blossom-pink; lower petals striped carmine-red. When planted late opens full and wide late in the Fall		\$0.65	\$ 4.50 \$40.00
<b>AMARYLLIS.</b> Velvety red		.90	6.00 55.00
<b>AMERICA.</b> Pink, the Florists' favorite		{ First size .45 Second size .30	2.60 22.00 2.00 18.00
<b>Attraction.</b> Deep rich crimson with large white center and throat		.60	3.75 32.50
<b>AUGUSTA.</b> White, a commercial white		{ First size .60 Second size .50	3.75 32.00 3.00 25.00
<b>BARON J. HULOT.</b> Dark velvety purple		{ First size .90 Second size .80	6.25 60.00 5.50 62.50
<b>Black Pansy.</b> Rich dark red; pansy-like throat		1.00	7.00 65.00
<b>Bouquet D. Or.</b> Cream yellow suffused pink with deep cherry-red, yellow blotch		.65	4.50 40.00
<b>Brenchleyensis.</b> Intense fiery scarlet		.60	3.50 30.00
<b>BERTRAX.</b> White flowers of great substance. Good shipper		1.35	8.50 80.00
<b>Canary Bird.</b> Clear canary-yellow		1.10	7.50 70.00
<b>Chicago Red.</b> Brilliant scarlet, large, opens well		.65	4.50 40.00
<b>CHICAGO SALMON.</b> Clear salmon with carmine throat		{ Vaughan's 1.00 Introductions .55	7.00 65.00 3.50 30.00
<b>CHICAGO WHITE.</b> The best white for cutting		{ First size .50 Second size .50	3.00 25.00
<b>Charmer.</b> Soft mauve-pink, blushing off lighter in the throat, large mauve blotch		.90	6.00 55.00
<b>MRS. FRANCIS KING.</b> Scarlet		{ First size .45 Second size .30	2.60 22.00 2.00 18.00
<b>MRS. FRANK PENDLETON.</b> Salmon-pink, blotched maroon		{ First size .65 Second size .60	4.50 40.00 4.00 35.00
<b>Mrs. Walter S. Brewster.</b> White overlaid blush, blotched brilliant red with creamy halo		3.50	25.00
<b>Mrs. Watts.</b> American rose-color		.75	5.00 45.00
<b>MYRTLE.</b> Medium sized bulbs. Tender delicate rose-pink. Fine bulbs		1.00	7.00 65.00
<b>Nezinscott.</b> Bright blood-scarlet, with deep velvety crimson-black blotches and white mottlings		1.00	6.50 60.00
<b>NIAGARA.</b> Cream, tinged carmine, very effective		{ First size .65 Second size .60	4.50 40.00 4.00 35.00
<b>ORANGE GLORY.</b> Very rich and striking color		3.00	22.00
<b>PANAMA.</b> Pink, a sure money-maker		{ First size .60 Second size .55	4.00 35.00 3.50 30.00
<b>Peace.</b> Grand white flower with pale violet feathering on lower petals		.75	5.00 45.00
<b>PRIMULINUS (Kunderd's).</b>			
Alice Tiplady. Orange-saffron		1.60	12.00 100.00
Anita. Canary-yellow		.80	5.50 50.00
Angola. Salmon-pink		.80	5.50 50.00
Regulus. Orange-salmon, with delicate yellow		1.25	8.00 75.00
Sweet Orra. Pale sulphur		.80	5.50 50.00
<b>SUNBEAM.</b> Best yellow		1.00	7.00 65.00
<b>Primulinus Hybrids.</b> Mixed		.55	3.50 30.00
<b>PINK PERFECTION.</b> Bright pink		1.25	8.00 75.00
<b>Pride of Goshen.</b> Flesh Pink		.80	5.50 50.00
<b>PRINCE OF WALES.</b> Salmon-pink. Blooms early		1.00	7.00 65.00
<b>PRINCEPS.</b> Scarlet, white throat		.90	6.00 55.00
<b>Princepine.</b> Carmine-red with large white blotch		.75	5.00 45.00
<b>Rosy Spray.</b> White, beautiful sprayed rose		.60	4.00 35.00
<b>SCHWABEN.</b> A giant yellow, none better		{ First size .75 Second size .65	5.00 45.00 4.50 40.00
<b>Scribe.</b> Tender rose, tinted white, freely striped carmine		.75	5.00 45.00
<b>Shakespeare.</b> Blush white, with large rosy blotch		.65	4.50 40.00
<b>Silveretta.</b> Blush white with carmine blotch on yellow ground		2.75	20.00
<b>Sulphur King.</b> Clear sulphur-yellow		1.35	9.00 85.00
<b>War.</b> Deep blood-red, shaded crimson-black		.75	5.00 45.00
<b>Willy Wigman.</b> Creamy-white, scarlet blotch		.80	5.50 50.00
<b>Wild Rose.</b> Delicate rose		.80	5.50 50.00



# VAUGHAN'S FLOWER SEEDS

**The Best Flower Seeds in America.**—We have made this claim for years, and judging from our ever increasing business we have made good, and our constant endeavor will be to maintain the position we hold in the Flower Seed business.

**Flower Seeds for Summer Sowing.**—Cinerarias, Primulas, etc., also Perennials. We issue a special circular in June. Should you fail to receive one, please write for it.

For seeds of perennials and biennials, see page 38.

Trade packets contain considerably more seed than ordinary or retail packets, being based on Florists' needs for ordinary purposes.

Florists invariably get trade packets unless otherwise specified.

Quantities of  $\frac{1}{4}$  lb. and over are charged at the pound rate  $\frac{1}{8}$  lb. at the oz. rate;  $\frac{1}{2}$  oz. at the ounce rate, but only when the price per ounce is 40c or more, and is not otherwise quoted.

We do not sell  $\frac{1}{2}$  oz. where the price per ounce is 15c or less.

**Cash Discount.**—On orders over \$2.00 for Flower seeds, if cash is enclosed, 10 per cent. This discount does not apply to Asparagus and Cyclamen Seed. Cash discount on these is 2 per cent.

	Trade pkt.	Oz.
Abronia Umbellata. Carmine.....	\$0.10	\$0.60
Abrus Precatorius. (Weather Plant).....	.10	.40
Abutilon (Flowering Maple). New Hybrids, mixed.....	per $\frac{1}{8}$ oz. 80c	.35
Acacia Lophanta Speciosa Compacta. Yellow flowers.....	.10	.30
Mixed, all colors.....	.10	.30
Acroclinium Roseum. Pink (Everlasting) lb. \$3.00.....	.10	.30
Album. White.....	.10	.30
Roseum Fl. Pl. Double pink.....	.10	.50
Album Fl. Pl. Double white.....	.10	.50
Adonis Aestivalis (Flos Adonis). Red.....	.10	.20
Autumnalis. Red.....	.10	.20
Agapanthus Umbellatus (Blue Lily of the Nile)....	.50	2.00
Ageratum Mexicanum. Blue.....	.10	.30
Mexicanum Album, White.....	.10	.30
Imperial Dwarf Blue.....	.10	.50
Imperial Dwarf White.....	.10	.50
Nanum Luteum. Yellow, dwarf.....	.10	.60
Blue Perfection. Best dark blue bedder.....	.10	.50
Little Blue Star. Tiny bushes, flowers light blue with dark red center.....	$\frac{1}{8}$ oz. 60c	.25
Princess Victoria Louise. Light blue with white center.....	.10	.40
Little Dorrit. Dwarf, blue.....	.10	.40
Lasseauxi. Fine pink, good cut-flowers, 3 feet..	.10	.60
Agrostemma Coeli Rosa (Rose of Heaven).....	.10	.25
Agrostis Nebulosa (Cloud Grass) for winter bouquets .....	.15	.60
Alonsoa Grandiflora. Scarlet.....	.10	.30
Warscewiczi. Fine for cutting, red.....	.10	.30
Alyssum Maritimum (Sweet Alyssum)....lb. \$2.00	.05	.20
Benthamia Compactum Erectum. Dwarf lb. \$4.00	.10	.40
Compactum Lilacinum (Lilac Queen). Distinct variety with pale lilac flowers. The plants are dwarf and grow upright.....	.10	.60
Vaughan's Little Gem. Extra fine strain lb. \$6.00	.10	.60

	Trade pkt.	Oz.
Amaranthus Tricolor (Joseph's Coat).....	\$0.10	\$0.40
Tricolor Splendens .....	.10	.60
Atropurpureus. Blood-red .....	.05	.15
Cruentus (Prince's Feather). Dark red feathery flowers .....	.05	.15
Caudatus (Love Lies Bleeding). Red.....	.05	.15
Superbus, Coleus-leaved .....	.05	.15
Salicifolius (Fountain plant). Willow-leaved.....	.10	.60
Mixed, all colors.....	.05	.15
Amaryllis Hippeastrum, New Hybrids.....	65c per 100 seeds	
Ammobium Alatum Grandiflorum (Everlasting) ..	.10	.40
Anagallis Grandiflora. Mixed, all colors.....	.10	.60
Antigonon Leptopus (Mountain Rose)....lb. \$8.00	.10	.70

## ANTIRRHINUM

Majus Tall Varieties—		
Brilliant Scarlet .....	$\frac{1}{4}$ oz. 20c	.10
Carmine Rose .....	$\frac{1}{4}$ oz. 20c	.10
Dark Rose. (Coral red).....	$\frac{1}{4}$ oz. 20c	.10
Delicata, soft pink white throat.....	$\frac{1}{4}$ oz. 20c	.10
Delila. Carmine and yellow with white throat .....	$\frac{1}{4}$ oz. 20c	.10
Garnet .....	$\frac{1}{4}$ oz. 20c	.10
Golden King. Yellow.....	$\frac{1}{4}$ oz. 20c	.10
Lovely white with pink lip.....	$\frac{1}{4}$ oz. 20c	.10
Pink .....	$\frac{1}{4}$ oz. 20c	.10
Queen Victoria. White shaded cream with yellow lip .....	$\frac{1}{4}$ oz. 20c	.10
Rose .....	$\frac{1}{4}$ oz. 20c	.10
Striped Varieties. (Butterfly mixed) .....	$\frac{1}{4}$ oz. 20c	.10
Venus. Apple-blossom pink .....	$\frac{1}{4}$ oz. 20c	.10
Majus Grandiflorum, mixed.....	.10	.50
Maxinium, New Giant Flowered—		
Defiance, scarlet .....	.25	
Fairy Queen, terra cotta.....	.25	
Gotelind, pale orange.....	.25	
Kriemhilde, purple carmine, white throat.....	.25	
Maralde, coppery carmine .....	.25	
Purple King, rich, velvety purple.....	$\frac{1}{4}$ oz. 25c	.15
Ruby, rich velvety ruby red.....	.25	
Many kinds, mixed.....	$\frac{1}{4}$ oz. 25c	.15
		.80

## ANTIRRHINUM—Continued

## Majus Nanum Semi-tall Varieties—

		Trade pkt.	Oz.	
Amber Queen.	Canary yellow overlaid chamois pink	1/4 oz.	.35c	\$0.25 \$1.20
Aurora.	Cinnabar carmine, white throat	1/4 oz.	25c	.15 .80
Black Prince.	Deep crimson	1/4 oz.	20c	.15 .70
Bonfire.	Orange buff (Defiance)	1/4 oz.	30c	.20 1.00
Cottage Maid.	Pale pink, white throat	1/4 oz.	25c	.15 .80
Crimson Queen.		1/4 oz.	25c	.15 .80
Diana.	Rose pink, white crest	1/4 oz.	30c	.20 1.00
Firebrand.	Fiery orange scarlet	1/4 oz.	30c	.20 1.00
Golden Queen.	Yellow	1/4 oz.	25c	.15 .80
Grenadier.	Vivid orange, white throat, yellow lip	1/4 oz.	40c	.25
Mauve Beauty.	Rosy mauve	1/4 oz.	30c	.20 1.00
Queen of the North.	White	1/4 oz.	25c	.15 .80
Rose Dore.	Salmon rose	1/4 oz.	30c	.20 1.00
Rose Queen.		1/4 oz.	25c	.15 .80
Rosy Morn pale pink.		1/4 oz.	25c	.15 .80
The Fawn.	Terra cotta pink and pale yellow	1/4 oz.	25c	.15 .80
Silver Pink, Vaughan's.		1/8 oz.	\$1.00	.25
Vaughan's Special Mixture.		1/4 oz.	30c	.20 1.00
Tom Thumb.	Mixed, all colors, 6 inches			.20 1.00
Fireball.	Scarlet			.20
Snow Queen.	White	1/4 oz.	40c	.25 1.50
Pink				.25
Arctotis Grandis (The African Lilac Daisy).	A good cut flower, flowers pure white on upper surface, reverse petals being lilac			.10 .50
Artemesia.	Annual, very decorative			.10 .30
Sacrorum Viridis (Summer Fir).				.15

**ASPARAGUS**

**Plumosus Nanus.** Northern Greenhouse Grown. We handle this Asparagus both in seed and plants of all sizes in very large quantities, and make very close prices on larger amounts on application. Our seed is fresh, of best germinating quality and vitality. Per 100 seeds, 50c; 250 seeds, \$1.20; 1,000 seeds, \$4.00. We expect better deliveries in March and April.

Write for quantity prices.

**Sprengeri.** 100 seeds, 25c; 250 seeds, 50c; 1,000 seeds, \$1.50.

**Asperula Azurea Setosa.** Lavender blue. Trade pkt., 5c; oz., 15c.

**Vaughan's ASTER SEED for Florists****Dwarf and Semi-Dwarf Section**

		Trade pkt.	Oz.	
Vaughan's Fireball.	A splendid dwarf Aster			\$0.35 \$2.00
Boltze's Dwarf Bouquet, Mixed.				.25 1.40
Dwarf Chrysanthemum, Fld.—Mixed, all colors				.25 1.40
Dwarf Queen.				
White	Blue	Rose		
Any of the above		1/4 oz., 40c	.25	1.40
Mixed, all colors		each 1/4 oz., 40c	.25	1.40
Daybreak (American Victoria)—Purity.	White			.25 1.40
Salmon Pink	Blue			
Rose Pink	Lavender			
Any of the above				.25 1.40
Mixed, all colors				.25 1.20

**TALL SECTION****GIANT COMET**

Shell pink	Light Blue	White
Lavender	Rose	Crimson
Purple	Dark Blue	
Any of above	1/4 oz. 35c	.20 1.20
Mixed, all colors	1 lb. \$12.00	.15 1.00
Express, Extra Early White (Hohenzollern)	1/4 oz. 40c	.25 1.50
Extra Early Rose	1/4 oz. 40c	.25 1.50

**VAUGHAN'S****ASTER—Tall Section—Continued****OSTRICH FEATHER**

This is the finest type of Aster for all purposes, especially for market cut flowers. The graceful long petals are thickly produced.

Crimson	Dark Blue	Pink
Soft Pink	Terra Cotta	Rose
Silvery Lilac	Lavender Pink	White
Light Blue		

Trade pkt. Oz.

Any of above	1/4 oz. 40c	\$0.25	\$1.40
Mixed, all colors	1/4 oz. 35c	.25	1.20

**QUEEN OF THE MARKET****The Standard Early Flowering Type**

White	Scarlet	Pink
Dark Blue	Lavender	Light Blue
Crimson	Flesh	Purple
Any of above	lb. \$12.00, 1/4 oz. 30c	.15 1.00
Mixed, all colors	lb. \$10.00, 1/4 oz. 25c	.10 .80

**GIANT BRANCHING**

White	Peach Blossom	Crimson
Deep Violet	Rose Pink	Daybreak
Lavender	Azure Blue	Purple
Any of above	lb. \$12.00, 1/4 oz. 30c	.15 1.00
Mixed, all colors	lb. \$10.00, 1/4 oz. 25c	.10 .80

**CREGO**

This flower is giant in size, many blossoms six inches across. The petals are nearly double the length of the older varieties and are twisted and curled into a very fluffy effect.

White	Shell Pink	Dark Blue
Purple	Dark Pink	Lavender
Crimson		

Any of the above	1/4 oz. 35c	.25 1.20
Mixed, all colors	1/4 oz. 30c	.20 1.00

**THE ROYAL—Early-Flowering Branching**

This type fills a gap between the Queen of the Market and the Late-Flowering Branching Asters. Sown early inside, and planted out with Queen of the Market, it follows that variety very closely.

White	Rose Pink	Bright Rose
Shell Pink	Lavender	Purple
Any of the above	1/4 oz. 35c	.20 1.20
Mixed, all colors	1/4 oz. 30c	.15 1.00

**THE MIKADO**

Petals are narrow, very long and gracefully reflexed. The outer petals show to their full extent, while gradually toward the center they bend and curl on each other in such magnificent disorder as to make the fluffiest aster we have ever seen.

White	1/4 oz. 40c	.25 1.40
Pink Rochester	1/4 oz. 40c	.25 1.40

**THE KING**

The habit is similar to the popular Giant Branching, vigorous in growth, long stiff stems. In form the flower is entirely distinct from any other variety; petals somewhat resemble the quilled varieties, but are much larger and broader, those in the center being curled and incurved, completely covering the crown. In shape and size the bloom is round, full and very large.

Rose	Violet	Crimson
Pink	White	Lavender
Any of the above	1/4 oz. 40c	.25 1.40
Mixed, all colors	1/4 oz. 35c	.25 1.20

# ASTERS

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## ASTER, Tall Section—Continued

### AMERICAN ASTERMUM

An attractive and descriptive name for a new race of asters which belong to the Comet family. The plants are of strong upright growth with 12 to 15 strong stems 20 inches long, each carrying a flower of perfect form. The seed we offer has been carefully grown, rogued and selected.

Snow White	Rose Pink	Dark Lavender	
		Trade pkt. Oz.	
Any of the above.....	1/4 oz., 50c.	\$0.25	\$1.80

### OTHER AMERICAN ASTERS

**Lavender Gem.** One of the most charming sorts.

The flowers are of a true lavender shade and the petals are gracefully curled and twisted, and the blooms are borne on long stems....1/4 oz., 40c .25 1.40

**Heart of France.** Heart of France opens red as the purest ruby, deepens with age and retains its remarkable color to the very end. The petals appear strikingly changeable, showing now a glow and sheen quite unique, now a soft warm velvety texture. In any light, natural or artificial, Heart of France is startlingly beautiful and will command admiration.....1/4 oz., 40c .25 1.40

**Peerless Pink.** The flowers are enormous, globular in shape, many five inches across, of a most delightful and pleasing rich shell pink. First flowers appear about the middle of August, but the plant is at its zenith 4 weeks later..1/4 oz., 40c .25 1.40

**Crimson Giant.** This shade has been one which has seemed to lack intensity of color, but in this variety the blood-red blossom is particularly bright .....

1/4 oz., 40c .25 1.40

**Perfection White** .....1/4 oz., 40c .25 1.40

**Sensation.** The reddest of all red asters, the color being a dark rich garnet or ox-blood red which glistens in the sunshine like a live coal. The plants are of the free branching habit, about 18 inches high, the double flowers averaging about 3 inches in diameter are borne freely on stems about 12 inches long.....1/4 oz. 35c .20 1.20

**Soleil D'Or (Golden Sun), Best Yellow Aster** .....1/4 oz., 40c .25 1.40

**Mammoth Non-Lateral Branching White.** 2 ft. This is without doubt the largest Aster on the market. Many of the flowers will measure four inches in diameter. The plants grow about two feet high with a low branching habit, and the flowers which are borne on non-lateral stems are full, with petals curled and incurved, making the flowers appear like a cross between an Ostrich Feather and a Giant Branching.....1/4 oz., 40c .35 1.80

**Mammoth Non-Lateral Branching Blue.** 2 ft. Very like the preceding, except the flowers are a medium shade of blue.....1/4 oz., 40c .25 1.40

**American Beauty. Carmine Rose.** 2½ ft. Is similar in type of flower and growth to the well known Late Branching Asters, but differs in that all the large blossoms are produced on much longer and heavier stems. It is the first of a new strain of late branching habit, and of robust growth. The flowers are fully double to the last and are a most lovely shade of bright carmine-rose, almost identical with the world-famous American Beauty rose. Each plant forms a perfect bush.....1/4 oz., 40c .25 1.40

**American Beauty. Purple.** .....1/4 oz., 40c .25 1.40

**American Beauty. Lavender.** .....1/4 oz., 45c .25 1.60

**American Beauty. September pink.** .....1/4 oz., 45c .25 1.60

**American Beauty. Rose (New).** .....50

### BALL'S WHITE ASTER

#### A Sphere of Pure White Petals

The seed of this splendid Giant Aster of the late Branching type—the product of twelve years' selection to develop the ideal of a perfectly double flower, of flawless color—was offered in 1921 for the first time.

In the Fall of 1908, George J. Ball, a Sweet Pea and Aster specialist, selected a plant among his Late Branching White Asters on which the flowers were solidly double, so much so that from eight to ten flowers only fifty seedlings were grown the following year.

It has been grown and the seed carefully selected every season since. In 1918, three-quarters of an acre netted \$2,320. An exceptionally good market helped, but this variety has always sold for 50 per cent more than ordinary White Asters.

The flowering season comes between the Royal and Late Branching types, filling in between the early and late glut of flowers. It grows to a medium height with full, distinctively centered blossoms, ideally formed for long distance shipping.

The seed of this Aster is about two-thirds the size of ordinary varieties. 1/8 oz., 75c; 1/4 oz., \$1.35; oz., \$5.00.

We were the introducers of this new Aster, jointly with the originator, Mr. Geo. J. Ball.

### ASTERS IN MIXTURES

Trade pkt. Oz.

**Vaughan's Florists' Mixture** .....1/4 oz., 40c \$0.25 \$1.40

**White Tall Varieties.** Mixed, includes the early, medium and late-flowering white; also Ball's white .....1/4 oz., 40c .25 1.40

**Vaughan's Excelsior Mixture, Tall Asters.** This is a mixture of the most beautiful, striking and distinct colors of the tall growing Asters, selected from the cream of the Giant Comet, Ostrich Plume, Branching and other desirable sorts, includes many kinds separately purchased for this mixture.....1/4 oz., 45c .25 1.60

**Elegance or Single.** Single White.....15

Lavender .....15

Dark Blue .....15

Pink .....15

Mauve .....15

Marshal Joffre. Brilliant red.....15

**Bachelor's Button.** (See also Centaurea Cyanus)

**Balloon Vine (Cardiospermum Halicacabum)** ....05 .15

### BALSAM

Double Pink, Crimson, Scarlet, Flesh color, Lilac, Dark Blue, Light Lemon. Atro-sanguinea plenissima. Double blood-red.....10 .60

Alba Perfecta. This is the largest and best double white Balsam.....15 .80

The Queen. Salmon pink.....15 .80

Prince Bismarck. Salmon rose.....15 .80

Double Camellia-flowered, Mixed, all colors.

Improved .....10 .60

Rose-flowered. Mixed, all colors.....10 .50

Dwarf. Mixed, all colors.....10 .40

Goliath. White, gigantic size.....15 .80

Scarlet .....15 .80

Chamois Rose .....15 .80

**Vaughan's Invincible Mixed.** A splendid strain producing very double flowers of the finest form .....15 .80

**Balsam Apple (Momordica).** Curious climbers..10 .40

Pear .....10 .40

**Bartonia Aurea.** Bright metallic yellow blossoms .....10 .40

BEGONIA

	Trade pkt. Oz.
Gracilis Luminosa. Foliage lustrous reddish brown, flowers fiery dark scarlet..	1-32 oz. \$2.00 \$0.50
Prima Donna. Large transparent rose flowers, shading to carmine.....	1-32 doz. \$2.40 .50
Semperflorens Alba.....	1/4 oz., 60c .20
Atropurpurea Vernon. Red-leaved and red-flowered .....	1-16 oz. 60c .35
Melanie. White with pink edge.....	.35
Erfordia. Rosy carmine flowers..	1-32 oz., \$2.00 .50
Grandiflora Superba .....	1-32 oz., \$1.50 .50
Mignon. Bright salmon scarlet.....	.50
Wurttembergia. Blood red.....	.50
Single Tuberous Rooted. Finest mixed.....	.50
Single Tuberous Rooted. Frilled.....	.50
Double Tuberous Rooted. Best mixed.....	1.00

Bellis, see page 38.

Bidens Dahliaoides. Mixed.....	.25	\$1.40
Bird of Paradise. (Poinciana Gillesii).....	.25	1.00

Blue Daisy. See Agathea.

Brachycome Iberidifolia. (Swan River Daisy). Blue .....	.15	.80
Iberidifolia. White.....	.15	.80
Pink .....	.15	.80

Briza Maxima. Ornamental grass.....	.10	.40
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Browallia Speciosa Major. For indoor or bedding out, 500 seeds.....	.35	
Elata Mixed.....	.15	.60

Cacalia (Tassel Flower) Scarlet or Orange, each..	.10	.50
Calandrinia Grandiflora. Rose.....	.10	.50

Umbellata .....	.15	.80
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CALCEOLARIA HYBRIDA

**Mixed, extra choice.** Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties, and, we know, will give entire satisfaction.

Price, trade pkt. (about 1,000 seeds) 50c; 3 trade pkts. for \$1.40; 1-64 oz., \$1.50.

Rugosa Aurea. Golden rain.....	1.00	
Rugosa Major, mixed.....	1.00	

Calendula (Pot Marigold) Meteor.....	lb., \$180	.10	.25
Apricot .....	.15	.50	

Sulphurea Plena. Double sulphur yellow, extra select .....	lb., \$6.00	.20	.60
Pongei fl. pl. Double white.....	.10	.40	

Prince of Orange. Bright orange.....	lb., \$2.00	.10	.20
Orange King. (Grandiflora fl. pl.) Extra select.			

This strain is fully equal to many that are offered at much higher prices. It is the best out-door grown stock.....	lb., \$6.00	.20	.60
Mixed, all colors.....	lb., \$1.40	.05	.15

California Poppy. See Escholtzia.			
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Calla Aethiopica (White Calla).....	.15	.50
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Calliopsis. Mixed, all colors.....	lb., \$1.60	.05	.15
Bicolor Nana. Golden Ray.....	.10	.50	

Radiata Tigrina. Tiger Star.....	.15	.60
Dwarf Sorts. Mixed.....	.10	.20

Double. Mixed.....	.10	.40
Golden Wave. A good cut-flower....	lb., \$2.40	.10

Coronata Maxima. Splendid cut-flower. Pure golden yellow, 2 in. across, on long, wiry stems; hardy and blooms nearly all season.	.10	.40
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Vaughan's Special Mixture.....	.10	.40
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Callirhoe Involucrata.....	.20	
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Campanula. See Perennial pages.....		
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Canary Bird Flower. Fine climber for shade.....	.10	.40
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CANDYTUFT

Trade pkt. Oz.  
Giant Hyacinth-Flowered. The flower heads are pure white, 6 inches long and about 3 inches across .....

lb., \$3.20 \$0.10 \$0.30  
Giant Hyacinth-Flowered. Extra selected, lb., \$6.00 .15 .50

Queen of Italy. The plants form dwarf, compact bushes which are covered with very large pink blooms .....

.15 .60  
Umbellata Lilacina. Lilac. Select.....lb., \$4.00 .15 .50

Carminea. Carmine.....lb., \$3.20 .10 .30

Purpurea. Crimson.....lb., \$3.20 .10 .30

Rose Cardinal, new.....lb., \$5.00 .10 .50

Dwarf Hybrids. Mixed..... .15 .60

White Rocket .....lb., \$1.40 .05 .15

Snowflake. Sweetest of all..... .10 .50

Mixed Colors.....lb., \$1.80 .05 .15

Canna Crozy's. Best mixed.....lb., \$2.00 .10 .20

Cardinal Climber. Bright and delicate climber.. .25 1.20

CARNATION

Perpetual or Chabaud. Extra choice mixed..... .25 1.60

Fine double mixed..... .25 1.40

Mixed, extra choice..... .35 2.00

Margaret—Red, Rose, Striped, White, Yellow, each..... .25

Giant Mixed. An extra choice strain..... .25 1.40

Giant White. Large and double..... .35 2.00

Marie Chabaud. The best yellow..... .35

Giant of Nice. Blooms in four to five months from sowing ....1-32 oz., \$1.50; 250 seeds, 50c

American New Varieties. Seeds saved from the best varieties, with large flowers borne on long stems .....100 seeds, 65c; 1,000 seeds, \$5.00

Vaughan's Special Mixture. A mixture of Giant Margaret, Malmaison, Giant of Nice and Chabaud .....500 seeds, 50c

For other varieties of Carnations see Hardy Perennials.

Cardiospermum. See Balloon Vine.

Castor Oil Bean. See Ricinus.

CELOSIA

Cristata (Coxcomb). Tall sorts, mixed..... .10 .40

Cristata Nana. Dwarf sorts, mixed, extra choice.. .25 1.60

Nana President Thiers. True dwarf, red..... .25 1.60

Empress. Choice dwarf, crimson.....1/4 oz., 60c .35 2.00

Aurea. Dwarf, golden yellow..... .25

Rosea. Dwarf, rose-colored combs..... .25

Plumosa. Triumph of the Exposition..... .10 .60

Nana, Mixed. For pots..... .15

Mixed, feathered varieties..... .10 .40

Thompsoni Magnifica. Makes fine pot plants... .10 .60

Pride of Castle Gould. A remarkable new strain of Ostrich Plume Celosias.....1/8 oz., \$1.00 .50

Crimson ..... .15 1.00

Orange ..... .15 1.00

Cristata X Plumosa. A cross between these two types. Fine cutflower .....

.20

Spicata. Vivid rose, turning to silvery white. Fine for pots..... .15

Chinese Woolflower (Celosia Childsii). Plants grow about 3 ft. tall and branch freely, each branch bearing at the end a ball of scarlet wool which remains on the plant until frost. Fine for pots .....

1/8 oz., 50c .25

Deep rose, new .....1/8 oz., 60c .35

CENTAUREA

Trade pkt. Oz.

Trade pkt. Oz.

Americana. Purple.....	\$0.10	\$0.40
Alba. White, splendid cut-flower.....	.15	.60
Candidissima (Dusty Miller).....	.35	1.80
Cyanus (Corn Flower), Emperor William, single blue.....	lb., \$3.00	.10 .30
Pink.....		.10 .40
White.....		.10 .30
Purple.....		.10 .30
Mixed (Bachelor Buttons).....	lb., \$2.00	.10 .20
Double Blue. Extra fine.....	lb., \$4.00	.10 .40
Double Pink.....	lb., \$6.00	.10 .50
Double White.....	lb., \$5.00	.10 .50
Double Purple.....		.10 .50
Fl. pl., mixed, semi-double.....		.10 .30
Dwarf Victoria, Blue.....		.10 .40
Gymnocarpa.....		.10 .50
Imperialis (Sweet Sultan). Mixed, all colors.....	.10	.50
Alba. Pure white, better than Margaret.....	.15	.60
Deep Lavender.....		.15 .60
Heliotrope.....		.15 .60
Iphigenia.....		.15 .60
Lilacina. Lilac.....		.15 .60
Favorita. Dark rose.....		.15 .60
Splendens. Purplish crimson.....		.15 .60
Moschata. Mixed Sweet Sultan.....	.10	.50
Suaveolens. Yellow Sweet Sultan.....	lb., \$6.00	.15 .50
Vaughan's Special Mixture. Includes most of the above .....		.15 .60
Centrosema Grandiflora.....		.25

CHRYSANTHEMUM

Coronarium. Double White.....	.05	.20
Double Golden Yellow.....	.05	.20
Double Sulphur Yellow.....	.05	.20
Double mixed.....	.05	.20
Pumilum Luteum pl. (Golden Ball).....	.15	.60
Dunnettii Album pl. Double white.....	.15	.60
Aureum, pl. Double yellow.....	.15	.60
Coccineum pl. Double scarlet.....	.15	.60
The Sultan. Crimson maroon.....	.10	.40
Carinatum. Eclipse (Chameleon).....	.10	.40
Burridgeanum. White and rose.....	.10	.40
Golden Feather.....	.10	.40
Northern Star.....	.10	.40
Single mixed.....	.10	.30
Inodorum Plenissimum. Double white.....	.15	.60
Bridal Robe. Fine cut-flower.....	.25	1.60
Segetum Gloria (Morning Star). White.....	.10	.40
Helios (Evening Star). Yellow.....	.10	.40
Vaughan's Special Mixture, Double and Single. Annual sorts.....	.10	.40
Frutescens (Paris Daisy). White.....	.15	.60
Chinese Double Mixed (Indicum).....	.50	
Japanese Double Mixed (Japonicum).....	1/8 oz., \$1.20	.50

CINERARIA HYBRIDA

Vaughan's Columbian Mixture. It consists of a mixture made up by ourselves of the choicest strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant.

Trade pkt. (500 seeds), 50c; 3 Trade pkts., \$1.40.

Large-Flowering White.....		Each
Crimson.....		per trade
Azure.....		pkt.
Blood-Red.....	(500 seeds)	
Soft Pink.....		35c
Dark Blue.....		
Matador. Brilliant scarlet. Trade pkt. 500 seeds	.50	
Old Rose. Pink to rich coppery red. 500 seeds	.50	
James' Giant.....	500 seeds	.50
Hybrida. Fine large-flowering mixed. 500 seeds	.35	
Grandiflora, Semi-Dwarf. Mixed.....	500 seeds	.35

CINERARIA HYBRIDA—Continued

Trade pkt. Oz.

Star Cineraria (Cineraria Hybrida Stellata Poly-antha). Fine, small flowering varieties, for cutting and decorative purposes.....		\$0.50
Blue Tints.....		.50
Maritima Candidissima, for bedding.....	.10	\$0.40
Diamond. Leaves pure white.....	.15	.60
Clarkia Elegans. Double mixed.....	.10	.40
Appleblossom. Double.....	.15	.60
Chamois.....	.15	.60
Delicate Pink.....	.15	.60
Scarlet Queen. Double brilliant scarlet.....	.15	.60
Brilliant. Double crimson scarlet.....	.15	.60
Salmon Queen. Double salmon orange scarlet.....	.15	.60
White Prince.....	.15	.60
Pulchella. Single mixed.....	.10	.40
Vaughan's Special Mixture.....	.15	.60
Cleome Pungens (Giant Spider Plant), true stock.....	.10	.40
Cianthus Dampieri (Glory Pea of Australia).....	.50	
Cobaea Scandens. Purple.....	lb., \$4.80	.10 .40
Scandens Flore Albo. White.....		.15 .80
Coccinea Indica. Fine climber.....		.20
Cockscomb. See Celosia Cristata.		
Coix Lachrymae, Job's Tears.....	lb., 50c	.10
Coleus, Vaughan's Rainbow Mixture. 1-32 oz., \$1.00		.50
Fine Mixed.....	1/8 oz., \$1.00	.35
Extra Choice Mixed. Large leaved. 1-16 oz., \$1.00		.35
Large-leaved Copper-colored.....		.50
Laciniated and Fringed.....		.50
Collinsia. Mixed, all colors.....	.05	.15
Columbine. See Aquilegia.		
Commelinia Sellowiana. One of the finest blue.....	.25	1.00
Coelestis. Blue.....	.10	.50
Convolvulus. Tricolor mixed, Dwarf Morning Glory.....	lb., \$1.00	.05 .10
Minor Monstrosus. Beautiful blue with white throat.....		.05 .20
Rose Queen.....		.05 .20
Mauritanicus. For hanging baskets.....		.25
Major (Morning Glory). Single Mixed... lb., 70c	.05	.10
Double Mixed.....		.10 .40
Double White Snow Fairy.....		.10 .40
Cosmidium. Burridgeanum, Orange Crown. Golden yellow with a broad circle of a rich orange around the disc.....		.10 .40
Cordyline. See Dracaena.		
<u>COSMOS</u>		
Giant-flowered. White.....		.05 .20
Pink.....		.05 .20
Crimson.....		.05 .20
Crimson Ray.....		.10 .30
Mixed, all colors.....	lb., \$1.80	.05 .20
Pink Lady Lenox.....		.05 .20
White Lady Lenox.....		.05 .20
Early-Flowering Mammoth.		
White.....		.10 .40
Pink.....		.10 .40
Crimson.....		.10 .40
Mixed, all colors.....		.10 .30
Anemone Flowered (Crested). Pink.....		.25 2.00
White.....		.25 2.00
Mixed.....		.25 1.80
Double Early Flowering Pink.....	1/8 oz., \$1.00	.50
Klondyke. Yellow.....		.10 .50
Crucianella Stylosa.....		.15 .60
Cuphea Platycntra (Cigar plant).....		.50
Purpurea .....		.15 .70

**VAUGHAN'S CYCLAMEN****Discount 2 Per Cent for Cash With Order**

The seed is saved only from perfect plants. Shape and size of flowers, foliage and stems and general habit are points on which our seed plants are selected. There is no better Cyclamen seed in the market.

**GIANT ENGLISH GROWN**

**Prices** (except where noted)—100 seeds, \$1.40; 1000 seeds, \$12.00 net.

**Mrs. Buckston.** Bright salmon, frilled petals. 100 seeds, \$1.80; 1000 seeds, \$16.00.

**Pink Pearl.** Lovely pale salmon pink. 100 seeds, \$1.80; 1000 seeds, \$16.00.

**Cherry Ripe.** Nearly scarlet. 100 seeds, \$1.80; 1000 seeds, \$16.00.

**Saint George.** Foliage is beautifully margined with bright silver, not unlike the Begonia Rex, and the flowers are a rich salmon color. 100 seeds, \$1.40; 1000 seeds, \$12.00.

**Crimson Saint George.** Foliage is beautifully margined and ornamented with bright silver. Flower vivid crimson, produced in abundance well above the foliage. 100 seeds, \$1.80; 1000 seeds, \$16.00.

**Mrs. L. M. Graves.** The flowers are freely produced and are carried well above the foliage. The color is an intense and brilliant salmon scarlet. A healthy vigorous grower and comes quite from seed. 100 seeds, \$1.80; 1000 seeds, \$16.00.

**Brilliant Giganteum.** Very robust grower. Fiery crimson flowers. 100 seeds, \$1.60; 1000 seeds, \$14.00.

**Queen Mary.** Salmon with claret base.

**Rosy Morn.** Delicate rose color. Claret base.

**Grandiflorum Album.** The largest giant white.

**Excelsior.** White with red base. Extra large flowers.

**Duke of Fife.** Dark rose.

**Princess of Wales.** Deep pink.

**Princess May.** Pale pink.

**Salmon King.**

**English Varieties, Mixed.** From separate sorts. 100 seeds, \$1.20; 1000 seeds, \$10.00.

**PERSICUM GIGANTEUM**

100	1000
Seeds	Seeds

Fairy Queen.	Large frilled white, crimson eye.	\$2.00	\$18.00
Rosea Superba.	Deep shell pink.	1.50	12.00
Glory of Wandsbek.	Salmon.	1.50	12.00
Wine Red.	Very large and fine.	1.20	10.00
Magnifica.	Dark rose pink.	1.50	12.00
Daybreak.	Delicate pink.	1.20	10.00
Pure White.	Very large.	1.20	10.00
White with Pink Eye.	Very large and fine.	1.20	10.00
Victoria.	White, tipped with pink, fringed edge.	1.50	12.00
Lilac.	Dark and light shades, very beautiful.	1.50	12.00

Trade pkt. Oz.

Cyperus Alternifolius (Umbrella Plant)		\$0.15	\$0.80
Cypress Vine. White.		.10	.30
Scarlet		.10	.30
Mixed		.10	.30
Ivy-Leaved Scarlet.		.10	.50

**DAHLIAS**

Double.	Mixed, good quality.	.25	
Mixed, extra choice.		.35	
Cactus-Flowered.	Mixed.	.40	
Cactus-Flowered.	Mixed, extra choice.	.50	
Liliput.	Mixed	.25	
Elite mixture.	Extra choice.	.15	
Single Giant Perfection.	Mixed.	.15	.80
Striped and Spotted.		.25	
Collarette.	Mixed colors.	.25	

**DAHLIAS—Continued**

Colossal. Semi-double, extra fine..... \$0.25

**Vaughan's Special Mixture.** Includes the best single and double strains..... .50

**Daisy.** See Bellis, Agathea, Brachycome and Chrysanthemum.

Datura Fastuosa fl. pl.	Double mixed.....	.10	\$0.30
Double White.....		.10	.30
Cornucopia.	White marbled with purple.....	.15	.60
Triple-flowered.	Yellow (Golden Queen).....	.10	.40

**DIANTHUS—Pinks**

**Chinese Pink.** Double. Mixed..... lb., \$4.00 .10 .40  
Single. Mixed, extra choice..... .10 .40

**Heddwigi fl. pl.** Double Japan, best mixed..... .15 .60  
Single. Mixed, extra fine..... .10 .40

Eastern Queen. Marbled rose, single..... .15 .60  
Marginatus. Silver edge, single..... .10 .40

Snow Queen. Double white, best..... .15 .80  
Mourning Cloak. Double, almost black..... .15 .80

Diadematus fl. pl. (Diadem Pink). Double..... .15 .80  
Midnight. Double blood-red..... .15 .80

The Bride. Single white..... .10 .50

Snowball. Dwarf, double white..... .20 1.20

Fireball. Dwarf, double scarlet..... .20 1.00

Lacinatus fl. pl. Fringed, double mixed..... .15 .80  
Snowdrift. Double, white..... .20 1.20

Fringed. Single, mixed..... .10 .50

Lucifer fl. pl. Double, intense orange scarlet .20 1.20

Mirabilis. Single, very fine cut-flower..... .15 .60  
Double. Fine cut-flower..... .25 1.00

Salmon Queen .....

Vesuvius. Orange-scarlet, fringed, single..... .15 .80

Violaceus Plenus Double, violet, new..... .25

Mephisto. Blackish-brown, striped on orange ground .....

Latifolius Atro-coccineus pl. double blood-red.. .15 .80

Double Imperial Pinks (Imperialis fl. pl.), mixed .10 .40

**Vaughan's Special Mixture.** Double and Single Pinks .....

**Vaughan's Special Mixture.** Single Pinks..... .15 .80

**Vaughan's Special Mixture.** Double Pinks..... .15 .80

**Barbatus.** See Sweet William. **D. Plumarius,** see Perennials.....

**Didiscus Coeruleus, Lavender Lace Flower.** 3 ft.

Long stemmed lavender flowers; look like blossoms of Queen's Lace Handkerchief. A constant bloomer. To be sown in a medium hot frame, like Phlox or Verbenas in February or March. Seed will germinate after about 4 weeks. Keep frame closed until the seedlings form their leaves, then give plenty of air when weather permits. To be planted out in May in partial shade .....

..... .25 1.40

**Dimorphotheca Aurantiaca, Golden Marguerite..** .15 1.00

Aurantiaca Hybrids..... .10 .80

**Dolichos (Hyacinth Bean).** Mixed..... lb., \$1.00 .05 .15

Princess Helen (Daylight)..... .05 .15

Purple Soudan..... .05 .15

Lignosus. (Australian Pea Vine)..... .10 .40

**Dracaena Indivisa Lineata.** .....

Indivisa. Narrow green leaves..... lb. \$5.00 .10 .40

Latifolia .....

Australis. Green and red colored leaves..... .15 .80

**Erysimum Peroftskianum.** Orange..... .10 .40

**Erythrina Crista Galli.** (Coral Tree)..... .25 1.20

ESCHOLTZIA

Trade pkt. Oz.

Escholtzia (California Poppy), Mandarin	\$0.10	\$0.40
Californica. Pure yellow	lb., \$1.80	.05 .20
Rose Cardinal		.10 .40
Carmine King. Fine crimson color	lb., \$6.00	.10 .50
Dainty Queen		.15 .60
Chrome Queen		.10 .50
Maritima (Maltese Cross)		.10 .30
Glory of the West, or the Golden West	lb., \$2.40	.10 .25
Rosy Morn (Canaliculata Rosea)	lb., \$4.00	.10 .40
Mikado. Pale coral pink and delicate cream		.10 .50
Hunnemannia (Bush Escholtzia). 1½ ft. The plants grow into a shrubby bush, large cup-shaped flowers clear, bright yellow, the petals are broad and crinkled, like crushed satin. The cut blooms keep in water two weeks		.10 .50
Mixed, all colors	lb., \$2.00	.05 .20
<b>Vaughan's Special Mixture</b>		.15 .60
Double White		.15 .60
Pink		.15
Yellow		.15
Mixed		.15 .60

Eucalyptus Globulus (Blue Gum)	.15	.80
Euphorbia Heterophylla (Mexican Fire Plant)	.15	.80
Variegata (Snow on the Mountain)	lb., .10	.40
<b>Everlasting Flowers.</b> See Ammobium, Acroclinium, Helichrysum, Rhodanthe, Xeranthemum, Gomphrena, Lunaria and Statice.		
<b>Everlasting Flowers.</b> Mixed	.10	.40
<b>Exacum</b> Affine. Blue. Fine for pots and baskets		2,000 seeds, \$1.00

FERN SPORES

Aspidium Cyrtomium Falcatum, Aspidium C. Falcatum Fortunei, Aspidium C. Rochfordianum, Aspidium Tsusse-mense, Dicksonia Cicutaria, Polypodium Aureum, Pteris Argyrea, P. Cretica Albo-lineata, P. Cretica Cristata, P. Cretica Mayii, P. Cretica Ouvarardii, P. Ensiformis Victoriae, P. Tremula, P. Cretic Wilsonii, P. Cretica Wimsettii, P. Cretica Wim. Multiceps.		
Any of the above, per trade packet		75c.

<b>Feverfew.</b> See Matricaria and Pyrethrum.		
<b>Four O'Clock</b> (Marvel of Peru). Mixed. lb., \$1.20	\$0.05	\$0.10
Dwarf Mixed. Choice assortment	.10	.30
Longiflora Alba. Sweet scented	.10	.40
Red	.10	.30

<b>Freesia—Refracta Alba.</b> Seedlings bloom the first year	lb., \$4.00	.10 .40
<b>Ragioneri Hybrids.</b> The new colored Freesias...	.25	1.00
<b>Fuchsia.</b> Single mixed		

1,000 seeds, \$3.50; 200 seeds 80c

Double Mixed... 1,000 seeds, \$3.50; 200 seeds, 80c

**Gaillardia Lorenziana.** Double mixed

Picta. Single mixed

Amblyodon. Fine red

**Gaura Lindheimeri.** White. Fine for large groups

**Geranium.** Apple scented

1,000 seeds, \$2.50; 100 seeds, 30c

Zonale. Single, fine mixed

Single, extra large-flowering, mixed, extra choice

Lady Washington

1,000 seeds, \$10.00; 100 seeds, \$1.25

**Gerbera Jamesoni Hybrids.**

1,000 seeds, \$5.00; 100 seeds, 65c

**Gilia.** Mixed

Capitata. 2 ft. high of erect habit, plants one foot in diameter; flowers lavender blue. The blossom is like a small scabiosa and should prove a good cut flower

10 .40

**Globe Amaranth (Gomphrena).** Mixed

Globosa, Red, White and Pink, each

Orange

.05 .25

.05 .25

.25 1.00

.25 1.00

.25 1.00

.25 1.00

.25 1.00

.25 1.00

.25 1.00

GLOXINIA HYBRIDA

Vaughan's Columbian Mixture is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and we know that better seed is not to be had at any rate. Trade pkt. (about 1,000 seeds), 50c; 1-32 oz., \$3.00.

Trade pkt. Oz.

Godetia. Mixed, many sorts		\$0.10	\$0.40
New Dwarf Hybrids. Mixed		.15	.60
The Bride. White and crimson		.15	.60
Duchess of Albany. Satiny white		.15	.60
Gloriosa. Glowing dark red		.15	.60
Rosamunde. Bright carmine		.15	.60
Lady Satin Rose		.15	.60
Double Rose. Fine for pots		.15	.80
Double Mauve		.15	.80
Double Mixed		.15	.80

We recommend these double Godetias for trial, they make fine pot plants and the flowers last a week when used as cut flowers. Plants resemble an Azalea when in bloom.

**Gomphrena.** See Globe Amaranth.

Gourd, small sorts, mixed		.10	.20
Mixed, all sorts	lb., \$1.80	.10	.20

<b>Grasses. Ornamental.</b> See Agrostis Nebulosa, Briza Maxima, Coix Lachrymae, Pennisetum Longistylum, Pennisetum Ruppelianum, in the annuals, and Arundo Donax, Erianthus Ravennae, Eulalia Japonica Zebrina. Eulalia Japonica Variegata, Gynerium Argenteum and Stipa Pinnata in the perennials.			
Grevillea Robusta (Silk Oak)		.15	.60
Gypsophila Muralis, dwarf pink		.10	.50
Elegans (Angel's Breath) white	lb., \$1.00	.05	.15
Rosea	lb., \$2.40	.10	.25
Grandiflora Alba, fine for cutting			
¼ lb., 45c; lb., \$1.60			.15
Carminea, carmine	lb., \$2.80	.10	.25

<b>Helianthus.</b> See Sunflower.			
Helichrysum Monstrosum fl. pl., double mixed		.10	.40
Silver Ball	Rose Carmine	Rose Queen	
Fireball	Salmon Queen	Crimson	
Golden Ball	Violet Queen	Scarlet	
Each of the above	lb., \$6.00	.10	.60
Vaughan's Special Mixture	lb., \$6.00	.10	.60

<b>Heliotrope,</b> finest mixed		.25	.140
Mammoth Flowered, mixed	¼ oz., 50c	.35	.160
King of the Blacks		.25	
Heliotropes will bloom from seed in four months.			
Humulus Japonicus (Japanese Hop), green leaved		.10	.40

Japonicus fol. variegata		.10	.50
Hunnemannia Fumariaefolia (Bush Escholtzia)		.10	.50

Hyacinth Bean. See Dolichos.			
Ice Plant (Mesembryanthemum Crystallinum)		.10	.40
Iberis. See Candytuft.			
Impatiens Holstii, very fine	500 seeds	.35	
Holstii, New Hybrids, extra choice	500 seeds	.35	
Sultani	500 seeds	.35	
Hybrids	500 seeds	.35	
These Impatiens will make splendid pot plants for Christmas.			

Ionopsis Acaule (Diamond Flower)		.25	
Ipomea Noctiflora (Moonflower), white seeded	lb., \$3.40	.10	.30

Noctiflora, black seeded	lb., \$3.40	.10	.30
Giant Pink (Northern Light)	lb., 4.00	.15	.40
Leari, dark blue, splendid		.25	
Bona Nox, large blue flowers	lb., \$2.00	.05	.15
Setosa (Brazilian Morning Glory)	lb., \$3.00	.10	.30

Rubra-coerulea or Heavenly Blue		.15	.80
Early Flowering Blue			
Imperialis (Japanese Morning Glory)	lb., \$1.00	.05	.15
Japanese, fancy fringed, extra	lb., \$2.00	.10	.25
Coccinea, scarlet, very free		.05	.20

Isoloma Hirsutum Multiflorum Hybridum. New, fine for pots		1.00	
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		Trade	pkt.	Oz.	
<b>Job's Tears</b> (Coix Lachrymae).....	lb., 50c	\$0.05	\$0.10		
<b>Kochia Childsii</b> (Summer Cypress).....	lb., \$1.20	.05	.15		
<b>Lantana</b> , Hybrida, mixed.....		.10	.30		
Bruant's New Dwarf Hybrids, mixed.....		.10	.40		
<b>Larkspur, Emperor</b> , extra choice mixed.....		.10	.40		
Double Dwarf Rocket, best mixed.....		.10	.40		
Blue Butterfly.....		.15	.60		
Lavender Butterfly.....		.15	.60		
Giant Hyacinth-Flowered, mixed.....		.10	.40		
Stock-Flowered, Newport Pink.....	lb., \$6.00	.15	.60		
Exquisite Pink, new extra choice.....		.20	1.00		
White .....	lb., \$5.00	.10	.50		
Bright Rose.....		.15	.60		
Flesh Lilac Dark Blue Sky Blue					
Each of the above.....	lb., \$5.00	.10	.50		
Mixed .....	lb., \$4.00	.10	.40		
<b>Vaughan's Special Mixture</b> Annual Larkspur...		.15	.60		
We recommend these Larkspurs as cut flowers both in and out of doors. See also Delphinium.					
<b>Lavatera</b> Arborea Variegata.....		.15	.80		
Rosea Splendens.....		.15	.60		
Alba Splendens.....		.15	.60		
<b>Leptosyne</b> Maritima.....		.15	.60		
<b>Lemon Verbena</b> (Aloysia Citriodora)....	1/4 oz., 60c	.25			
<b>Linum</b> Grandiflorum Rubrum.....	lb., \$2.60	.10	.25		
<b>Lilium Regale</b> (The Regal Lily). It is absolutely hardy and is excellent for forcing. It has been predicted that this will become the Easter Lily of the future, and being so hardy, may be grown at home. The flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow as the centre, and extending part way up the trumpet. It is delightfully perfumed, re- minding one of the jasmine, and lacking the heavy oppressive odor of most lilies. Blooms out of doors early in July, and seedling bulbs will flower the second year.....					
..... 1,000 seeds, \$5.00; 100 seeds, 65c					

**LOBELIA**

<b>Erinus</b> Crystal Palace Compacta, true..	1/4 oz., 60c	.25	2.00		
Speciosa, dark flowers and foliage, true.....		.15	1.00		
Emperor William, dwarf.....	1/4 oz., 50c	.25	1.60		
White Lady, dwarf.....		.20	1.80		
Pumila Splendens, Bedding Queen. The plant is very dwarf and compact, forming hand- some little bushes which are entirely cov- ered with large flowers of deepest purple, contrasting with the white eye..	1/4 oz., 60c	.25	2.00		
Pumila rosea.....		.15			
White .....		.15	1.00		
Gracilis, blue.....		.10	.80		
Mixed .....		.10	.80		
Hamburgia, good for hanging baskets, 1/4 oz., 50c		.20			
Hybrida, Sapphire, for hanging basket, 1/8 oz., 50c		.25			

<b>Lophospermum</b> Scandens, rose.....		.15			
<b>Lupinus</b> , Annual sorts mixed, tall.....		.05	.20		
Hybridus Roseus, annual pink.....	lb., \$5.00	.10	.40		
Atro-coccineus .....		.10	.40		
Hartwegi, Blue, dark.....	lb., \$3.60	.10	.30		
Light Blue .....	lb., 3.60	.10	.30		
Roseus .....	lb., 3.60	.10	.30		
Alba .....	lb., 3.60	.10	.30		
Subcarnosus .....		.10	.40		
<b>Malope</b> Grandiflora Rosea .....		.05	.20		
Grandiflora Alba .....		.05	.20		

<b>MARIGOLD</b>		Trade	pkt.	Oz.
Double, Tall African, mixed.....			\$0.10	\$0.40
Double, Dwarf African, mixed (Pride of the Garden) .....		.10	.50	
Tall African, Lemon Queen .....		.10	.50	
Tall African, Orange Queen .....		.10	.50	
French mixed. Tall .....		.10	.40	
French. Tall Striped .....		.10	.50	
Dwarf French. Gold Striped .....		.10	.40	
Dwarf French, mixed .....		.10	.40	
Dwarf French, Brown .....		.10	.50	
Yellow .....		.10	.50	
Golden Ball .....		.10	.50	
Dark Brown .....		.10	.50	
Yellow with bronze margin .....		.10	.50	
Single, Legion of Honor.....	lb., \$4.40	.10	.40	
Golden Star .....		.10	.60	
Silver King .....		.10	.50	
Gilt Edge .....		.10	.50	
Tall Double French, mixed .....		.10	.40	
Striata Pl., double striped .....		.10	.40	
Aurea Pl., double golden yellow .....		.10	.50	
Faviflora Pl. ....		.10	.50	
Faviflora Aurea Pl. ....		.10	.50	
Pulchra Pl. ....		.10	.50	
Ranuculiflora Pl. ....		.10	.50	
<b>Vaughan's Special Mixture.</b> Tall African.....		.10	.50	
<b>Vaughan's Special Mixture.</b> Dwarf French.....		.10	.50	
<b>Vaughan's Special Mixture.</b> Tall French .....		.10	.50	
<b>Marvel of Peru.</b> See Four O'Clock.				
Mathiola Bicornis (Evening Scented Stock).....		.10	.30	
Maurandia, mixed .....		.25	1.40	
Melothria Scrabia, splendid annual climber.....			.15	

**MIGNONETTE**

**True Machet**, Vaughan's Selected Stock. The seed we offer produces dwarf, vigorous plants of pyramidal growth, with very thick, stout flower stalks. Finest in every way for florists' use and for pots. Trade Pkt., 10c; 1/4 oz., 20c; oz., 60c.

	Trade	pkt.	Oz.
<b>Grandiflora</b> , large flowering.....	lb., \$1.40;	\$0.05	\$0.15
<b>Bismarck</b> , an improvement on Machet.....	1/4 oz., 25c	.15	.80
<b>Defiance</b> .....		.10	.50
<b>Golden Queen</b> , yellow .....		.10	.40
<b>Golden Machet</b> .....		.15	.80
<b>White Pearl.</b> Machet type .....		.15	.80
<b>Miles' Spiral</b> .....		.10	.40
<b>Giant Pyramidal</b> .....		.10	.40
<b>Red Goliath</b> , fine .....		.25	1.20
<b>Giant White Spiral</b> .....		.10	.40
<b>Vaughan's Giant Rocket</b> .....	1/4 oz., 50c	.25	
Mixed, all sorts .....	lb., \$2.40	.10	.25

**New York Market.** This is an extra choice strain of Mignonette for greenhouse culture. Our seed is greenhouse grown, raised by a most careful grower.

The plants grow from 2 to 3 feet high and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment. 1/8 oz., \$1.00; trade pkt., 50c; oz., \$7.00.

	Trade	pkt.	Oz.
<b>Mimosa Pudica</b> (Sensitive Plant).....		\$0.10	\$0.40
<b>Mimulus Moschatus</b> , (Musk Plant).....		.25	
<b>Tigrinus</b> , mixed .....	1/4 oz., 60c	.25	
Fl. Pl., (Double Monkey Flower) .....	1/8 oz., 50c	.35	
New Large Flowering, single .....		.35	
<b>Mina Lobata</b> .....		.20	1.20
<b>Mirabilis.</b> See Four O'Clock.			
<b>Moon Flower.</b> See Ipomoea.			
<b>Morning Glory.</b> See Convolvulus and Ipomoea.			
<b>Musa Ensete</b> , per 100 seeds, \$1.00; 1,000 seeds, \$8.50.			
<b>Myosotis.</b> See Forget-Me-Not.			

# NASTURTIUM

## TALL SORTS—*Tropaeolum Majus*

Any of the following per Packet, 5c; oz., 10c, except where noted

	1/4 Lb.	Lb.
Chameleon, a splendid mixture, produces different colored flowers on the same plant.....	\$0.30	\$1.00
Coccineum, bright scarlet .....	.25	.90
Dunnett's Orange, bright orange, also called Sun-light .....	.25	.90
Edward Otto, brownish lilac.....	.30	1.00
Fordhook Fashion, terra cotta on yellow ground..	.30	1.00
Golden Cloth, scarlet flowers, yellow foliage.....	.30	1.00
Hemisphericum, orange, very handsome.....	.25	.90
Jupiter, best and largest yellow.....	.30	1.00
King Theodore, rich deep red, dark foliage.....	.30	1.00
Luteum, yellow .....	.25	.90
Madam Gunthers Hybrids.....	.30	1.00
Pearl, whitish, also called Moonlight.....	.25	.90
Prince Henry, light yellow, marbled scarlet.....	.30	1.00
Regelianum, rich crimson, one of the best.....	.25	.90
Scheuermani, straw-color, spotted.....	.30	1.00
Schultzii, best dark red.....	.30	1.00
Twilight .....	.30	1.00
Vesuvius, the most gorgeous fiery rose imaginable .....	.30	1.00
Von Moltke, bluish rose.....	.25	.90
Tall Sorts in Finest Mixture.....	10 lbs., \$4.00	.15
Vaughan's Special Mixture of Tall Nasturtiums .....	10 lbs., \$8.00	.30
		1.00

## DWARF SORTS—*Tropaeolum Tom Thumb*

Beauty, scarlet splashed canary.....	.30	1.00
Chameleon, mixed .....	.25	.90
Cloth of Gold, flowers scarlet, foliage yellow.....	.30	1.00
Coccineum, bright scarlet.....	.25	.90
Crystal Palace Gem, sulphur spotted maroon.....	.25	.90
David Burpee, velvety dark scarlet flowers and emerald green foliage.....	.50	1.80
Empress of India, deep crimson, dark-leaved.....	.30	1.00
Golden King, rich color.....	.25	.90
King of Tom Thumbs, scarlet, dark-leaved.....	.25	.90
King Theodore, rich red, dark bluish foliage.....	.25	.90
Lilliput, flowers small, rich colors.....	.40	1.60
Pearl, whitish .....	.25	.80
Prince Henry, light yellow, marbled with scarlet.....	.30	1.00
Ruby King, a peculiar, blue-tinted red.....	.30	1.00
Spotted King, a handsome sort.....	.30	1.00
Vesuvius, rich, fiery rose.....	.30	1.00
Yellow (Luteum) .....	.25	.90
Dwarf Nasturtiums, mixed, all colors.10 lbs., \$4.00	.15	.50
Vaughan's Special Mixture of Dwarf Nasturtiums .....	10 lbs., \$10.00; oz., 10c	.35
		1.20

## *Tropaeolum Lobbianum*

Black Prince .....	.35	1.20
Brilliant, dark scarlet.....	.30	1.00
Cardinal, dark scarlet.....	.30	1.00
Firefly, flowers dark orange, spotted blood-red.....	.30	1.00
Flamingo .....	.35	1.20
Giant of Battles, sulphur with red.....	.30	1.00
Golden Queen, golden yellow.....	.30	1.00
King of the Blacks, black-brown.....	.35	1.20
Ivy Leaved Mixed.....	.40	1.40
Lucifer, very dark scarlet.....	.30	1.00
Napoleon III, golden yellow, spotted with brown..	.30	1.00
Primrose, creamy-white with brown spots.....	.30	1.00
Princess Victoria Louise, cream white, orange scarlet blotches; calyx and spur orange-red.....	.30	1.00
Queen Emma, flowers scarlet.....	.30	1.00
Queen Wilhelmina .....	.30	1.10
Regina, salmon, extra fine.....	.30	1.00
Virchow, deep ruby rose.....	.30	1.00
Mixed, many colors.....	.oz., 10c	.25
		.80

	Trade pkt. Oz.
Nemesia Grandiflora Comp. Triumph.....	\$.35
Blue Gem .....	.35
Strumosa Suttoni, orange .....	.25
Scarlet .....	.25
Mixed .....	.25
	\$1.80
Nemophila (Grove Flower) mixed.....	.05
Insignis. Blue .....	.05
Insignis. Alba .....	.05
Nicotiana Affinis. Large, white, very fragrant....	.10
Affinis Hybrids .....	.10
Sylvestris. Very beautiful, sweet, pure white...	.10
Sanderae .....	.10
New Hybrids, mixed .....	.10
Nierembergia Gracilis .....	.20
Nigella. Mixed .....	.05
Miss Jekyll. Blue, fine cut-flower.....	.10
Nolana. Mixed .....	.10
Nycteria Capensis. White, sweet.....	1/4 oz., .35c
Oenothera (Evening Primrose). Mixed.....	.10
Rosea (Mexican Primrose) .....	.10
Acaulis Alba. Large, white, dwarf.....	.10
Lamarckiana. Bright yellow.....	.10
Ornamental Grasses. Mixed .....	.10
Ornamental Grasses. See Agrostis Nebulosa Briza Maxima, Coix Lachrymae, Pennisetum Longistylum, Pennisetum Ruppelianum, in the annuals, and Arundo Donax, Erianthus Ravennae, Eulalia Japonica Zebrina. Eulalia Japonica Variegata, Gynerium Argenteum and Stipa Pinnata in the perennials.	
Oxalis Tropaeoloides. Dark, yellow, brown foliage .....	.25
Rosea. Very fine .....	.50
Alba .....	.50
Valdiviana. Yellow, sweet.....	.20
Papaver. See Poppy.	
Passiflora Grandiflora (Passion Flower). Blue....	.20
Gracilis. Ornamental fruits.....	.25
Pennisetum Ruppelianum. (Purple Feather Grass)	.10
Longistylum .....	.50
Pentstemon Hartwegi (Sensation). Newest, large flowering hybrid .....	1/8 oz., .60c
Petunia. See page 32.	
Perilla Nankinensis .....	.05
Phacelia Tenacetifolia. Blue.....	.10
Pheasant's Eye Pink. See Dianthus Plumarius.	
PHLOX DRUMMONDI GRANDIFLORA	
White .....	
Pink .....	
Scarlet .....	
Crimson, white eye .....	
Atro-purpurea Alba .....	
Oculata .....	
Chamois Rose .....	
Leopoldi, pink with white eye .....	
Black Brown .....	
White, dark eye .....	
Brilliant rose, dark eye .....	
Yellow .....	
Flesh .....	
Each of above.....	trade pkt., 25c; 1/4 oz., .35c; oz., \$1.20
	Trade pkt. Oz.
Best large-flowering. Mixed.....	1/4 oz., .30c..\$0.20
Star of Quedlinburg (Star Phlox). Mixed.....	.15
Nana Compacta (Dwarf). Snowball...1/4 oz., .60c	.25
Fireball .....	1/4 oz., .60c
Chamois .....	1/4 oz., .60c
Salmon Pink with white eye.....	1/4 oz., .60c
Sky Blue with eye.....	1/4 oz., .70c
Mixed .....	1/4 oz., .60c
Cecily. Large-flowering dwarf, mixed. 1/4 oz., .70c	.25
Vaughan's Special Mixture. Includes all the varieties listed and others. (Excepting the Nana Compacta Sorts).....	.35
	2.00
	.240

# PETUNIA

## Small Single-Flowered Sorts

		Trade pkt.	Oz.
Hybrida. Good mixed	lb., \$7.00	\$0.10	.60
Hybrida. Finest mixed (part from named sorts)	.15	1.00	
Hybrida. Alba. White	.10	.80	
Blotched and Striped (Inimitable)	.15	1.00	
Editha. A pleasing rose with dark carmine star, veined carmine			
General Dodds. Blood-red	1/4 oz., 50c	.25	1.60
Countess of Ellesmere. Pink with white throat	.10	.80	
Venosa. Light red, veined	.20	1.20	
Howard's Star. One of the best for hanging baskets	1/4 oz., 60c	.25	2.00

## Small Single-Flowered Dwarf Sorts

		Trade pkt.	Oz.
Dwarf Inimitable. Blotched and striped	1/4 oz., 45c	.25	1.50
Carmen Sylva. Baby blue, white throat, 1/4 oz., 50c	.20		
Rosy Morn. Select stock	1/8 oz., \$1.00	.50	
Snowball. Dwarf white	1/4 oz., 40c	.25	1.60
Brilliant Rose		.25	1.80
Norma, blue with white star	1/8 oz., 60c	.25	
Adonis fiery carmine with white throat	1/8 oz., 50c	.25	
Vaughan's Special Dwarf. Mixed, small flowering	1/4 oz., 60c	.25	2.00

## Large-Flowering—Single

(About 1000 Seeds in Trade Packet)

Finest mixed	1-16 oz., \$1.80	.35
Fringed, extra choice mixed	1-32 oz., 1.20	.35
Brilliant Rose	1-64 oz., 1.00	.50
Balcony Queen, purple and white	1-64 oz., 1.00	.50
Balcony White	1-16 oz., 50c	.25
Royal Purple	1-32 oz., \$1.50	.50
Wine Red		.50
Wine Red and white		.50
Fimbriata Rosea, fringed	1-32 oz., \$1.50	.50

## Giant-Flowered—Single

White with yellow throat	1-64 oz., \$1.20	.50
Black Prince	1-64 oz., 1.00	.50
Copper-Rose	1000 seeds, \$1.00; 5000 seeds, \$4.50	
German Empress, lilac veined purple	1-64 oz., \$1.20	.50
Giants of California, mixed	1-32 oz., 1.50	.50
Dwarf Giants of California, mixed, extra choice	1.00	
Ruffled Giants, choice mixed	1-32 oz., \$1.50	.50
Triumph of the Giants, extra choice mixture	1-32 oz., \$1.80	.50

Vaughans' Best Mixture of large flowering single sorts	1-32 oz., \$1.60	.50
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## Small-Flowering—Double

Rosa Bonheur, pure rose (small-flowered)	.75
Dwarf Inimitable, blotched-striped (Liliput)	.75
Double Small Flowering. Finest Mixed. 1/4 oz.	\$1.50

## Large Flowering—Double

Double Large-Flowering, extra choice mixed, 500 seeds, 75c; 1000 seeds, \$1.25; 10,000 seeds, \$10.00; 1-64 oz., \$3.50		
Double Large-Flowering, fringed, best mixed, 500 seeds, 75c; 1000 seeds, \$1.25; 10,000 seeds, \$10.00; 1-64 oz., \$3.00		
Double Large-Flowering Fringed, Heliotrope, 500 seeds, 85c; 1000 seeds, \$1.50		
Lady of the Lake, double, white, 500 seeds 85c; 1000 seeds, \$1.50		
Double Rose	500 seeds, 85c; 1000 seeds, \$1.50	
Vaughan's Special Mixture. Double extra choice, 500 seeds, 75c; 1000 seeds, \$1.25; 10,000 seeds, \$11.00; 1-64 oz., \$4.00		

## POPPY—Papaver

American Flag, White and scarlet	.10	.30
American Legion	.25	1.50
Glaucum (Tulip Poppy). Deep scarlet flowers	.10	.50
Hansa. Pure white ground color, passing towards the finely slit edge to a deep crimson	.10	.30
King Edward. Single crimson, black spot	.10	.30
Laevigatum. Persian or Firedragon	.10	.40
Mephisto. Deep scarlet with blackish violet spots	.10	.30
Murselli fl. pl. Mikado. White, crimson striped	.10	.40

## POPPY—Papaver—Continued

Paeoniflorum, fl. pl. Double. White	\$0.10	\$0.30
Yellow	.10	.30
Pink	.10	.30
Scarlet	.10	.30
Mixed	.10	.30
Rhoeas fl. pl. Double French mixed	.10	.30
Shirley, Shades of pink rose and mixed	.10	.30
Flanders Field	.10	.30
Somniferum fl. pl. Double Carnation-flowered, mixed	.10	.30
Nanum fl. pl. Cardinale. Scarlet	.10	.30
Fl. Pl. White Swan	.10	.30
Umbrosum. Bright vermillion with black spots	.10	.30
Single Poppies. Many sorts, mixed	.10	.30
Double Poppies. Many sorts mixed	.10	.30
Vaughan's Special Mixture. Single	.10	.30
Vaughan's Special Mixture. Double	.10	.30
Vaughan's Special Mixture. Double and Single	.10	.30

For Oriental and Nudicaule Poppies see Perennial pages.

## PRIMULA—Chinese Giant

The finest strain from the very best sources in England.

Trade Pkt. of any of the following, 250 seeds each, 50c; 3 for \$1.40.

### Covent Garden. White.

### Chiswick Red. Improved red.

### Queen Alexandra. The largest giant white.

### Giant Pink. Extremely large petals of great substance.

### Giant Salmon. Massive heads of flowers of great substance.

### King George. Beautifully fringed crimson.

### Crimson King. Deep, rich crimson, with dark brown eye.

### Ruby Queen. Fiery, intense scarlet, with bright yellow eye.

### Delicata. A beautiful soft pink color.

### Orange King. Orange color in the bud, orange-salmon shade around the edge of terra-cotta petals.

### Queen Mary. Rose pink.

### True Blue.

### Giant Mixed. Includes this year a number of new shades.

Vaughan's International Mixture. This mixture is composed of the most salable colors of single flowering Chinese Primulas, the best whites, pinks and reds, with a sprinkling of other colors, enough to give a large variety of colors, the most important shades predominating. We have taken special pains to make this mixture as complete as possible, and unreservedly recommend it to everyone. Trade pkt. of 250 seeds, 50c; 3 for \$1.40; 1-16 oz., \$5.00.

## PRIMULA OBCONICA

Each of the following, Trade Pkt. of about 1,000 seeds, 50c

### GRANDIFLORA Appleblossom light pink. A good seller.

### Alba, white.

### Coerulea, sky-blue.

### Fire Queen, brilliant salmon-carmine, very free blooming,

medium size flower. 1-32 oz., \$2.00.

### Crimson, brilliant dark carmine red, splendid pot plant; the best of its color.

### Rosea, very large flowers, clear brilliant rose; one of the most important colors.

### Mixed, the above and others. 1-32 oz., \$1.00.

### GIGANTEA Appleblossom, beautiful soft pink.

### Kermesina, brilliant carmine.

### Rosea, clear rose.

### Lilac.

### Mixed, the above and others. 1-32 oz., \$2.00.

## PRIMULA—Various Sorts

Trade pkt. Oz.

### Malacoides. An improved Forbesi, 1-16 oz., \$1.00. \$0.50

### Alba

.50

### Rosea

.50

### Forbesi

.50

### Kewensis

.50

### Veris, All Hardy Perennials.

## Pyrethrum Parthenifolium Aureum (Golden

### Feather)

.50

### Selaginoides

.50

### Rhodanthe. Mixed

.50

### Manglesi. Rose

.60

### Maculata. Alba

.60

### Rosea

.60

# VAUGHAN'S GIANT PANSIES

## VAUGHAN'S INTERNATIONAL MIXTURE

Vaughan's International Pansy Mixture was first offered by us in 1889. We import from all the best European sources. Each year has added to the quality of its flowers and variety of its colors. We buy every year, novelties of known merit to improve the mixture; it is always complete, always the latest and always the best mixture. We add to all Pansy Mixtures which we now buy, more than 50 per cent of the choicest named kinds obtainable, each in correct proportion. This is one of the Specialties that has established the reputation of Vaughan's Flower Seeds, and one which we maintain most carefully. Trade pkt., 50c;  $\frac{1}{8}$  oz., \$1.50;  $\frac{1}{2}$  oz., \$5.00; oz., \$10.00.

## VAUGHAN'S GIANT PANSY MIXTURE

Embraces, besides all the separate shades and colors, five special strains not listed elsewhere, and which can only be had in this and our International Mixture. This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau and the splendid Cassier strain. Trade pkt., 50c;  $\frac{1}{8}$  oz., 75c; oz., \$5.00;  $\frac{1}{4}$  lb., \$18.00.

## VAUGHAN'S CUT FLOWER MIXTURE

This mixture is put up by ourselves and contains mostly light colored sorts. We have sold this mixture for several seasons to some of our Chicago cut-flower growers, who have realized big returns from the sale of flowers. Pansies are as easily grown as violets, requiring less care and bring better results. Trade pkt., 25c;  $\frac{1}{8}$  oz., 60c; oz., \$4.00.

## NEW EARLY-FLOWERING GIANT PANSIES

The new strain produces its giant flowers about four weeks earlier than other known types. In March, when the old type pansies hardly show any buds the plants of the new strain bore from 3 to 5 of their giant flowers.

### Early Flowering Giant (Hyemalis)

Yellow
Dark Blue
Light Blue
Ice King, White with black eye
Jupiter, dark purple-violet
Mars, cornflower-blue
North Pole, pure white
Snow Storm, snow-white, dark seeded
Wodan, black

Each of the above Early Flowering, Trade Pkt., 25c;  $\frac{1}{8}$  oz., 50c; oz., \$2.00.

Mixed, Trade Pkt., 25c;  $\frac{1}{4}$  oz., 40c; 1 oz., \$1.50.

## CHICAGO PARKS BEDDING MIXTURE

This is a mixture made by ourselves from 20 different and distinct varieties of this type. While the flowers of this strain do not grow as large as those of the Giant Pansies, they excel them by a much greater number of flowers to a plant. Trade Pkt., 25c;  $\frac{1}{4}$  oz., 40c; oz., \$1.40; lb., \$20.00.

## VAUGHAN'S P. P. (Popular Price) MIXTURE OF PANSIES

This mixture, like all "Vaughan" mixtures, is made up by ourselves from separate colors and strains of the Giant and Chicago Parks Bedding types and will furnish a large variety of colors with a good proportion of giant flowers. Trade pkt., 25c;  $\frac{1}{8}$  oz., 50c; oz., \$3.00; lb., \$30.00.

## POTULACA

Trade pkt. Oz.

Single large-flowering sorts, mixed.....	lb., \$6.40	\$0.10	\$0.60
Parana. Large-flowering, rosy carmine.....	.20	1.20	
Double sorts, finest mixed.....	.25	2.00	
White, Pink, Scarlet, Yellow, each. $\frac{1}{8}$ oz., 60c	.25		

Rosa Polyantha Nana..... .25 1.40

Rudbeckia Bicolor Superba, large..... .10 .40

Bicolor Superba, semi-plena..... .15 1.00

## VAUGHAN'S GIANT SORTS

Trade pkt.  $\frac{1}{8}$  oz. Oz.

Adonis, light blue white center.....	\$0.15	\$0.30	\$2.00
Auricula Colors, metallic shades.....	.15	.30	2.20
Aurora, pure white without blotches.....	.15	.30	1.80
Azure Blue .....	.15	.30	2.00
Beaconsfield, light lavender and purple....	.15	.30	1.80
Black, large true black.....	.15	.30	1.80
Boulogne Giants .....	1.00	3.50	24.00
Bugnot, shades of red, bronze and reddish cardinal .....	.25	.50	3.20
Cassier, 3 and 5-spotted, an A1 strain.....	.25	.40	3.00
Emperor Francis Joseph.....	.25	.40	3.00
Emperor William, dark navy blue.....	.15	.30	2.00
Eros. Purple, yellow border.....	.25	.50	
Fiery Faces .....	.15	.30	2.00
Freya. Silver edged .....	.15	.30	2.20
Goliath Golden Queen.....	.25	.45	3.00
Golden Queen, clear golden-yellow.....	.15	.30	1.80
Indigo King .....	.15	.30	3.20
Lavender Blue .....	.25	.45	3.20
Madame Perret, lovely shades of pink and rose .....	.15	.30	2.00
Masterpiece—Giant Curled or Spencer. In reality the number of petals is the same as that in other Pansy flowers, but they are crimped and curled in such a fashion that the flowers appear double. The colors are superb, mostly red and brown shades .....	.25	.45	3.00
Mauve Queen .....	.15	.35	2.40
Orchid-Flowered, mixed, the ground color of the flowers is light, the petals being marked with large brown blotches which diffuse into rays and veins towards the edge .....	.15	.30	2.20
Mammoth .....	.25	.60	4.00
Parisian Striped .....	.15	.30	2.00
Paris Market, an improved strain of Trimardeau .....	.15	.30	2.00
Pheasant's Eye, sky blue edged, violet.....	.15	.30	2.00
Pink, lovely shades of pink, same as Hydrangea .....	.15	.30	2.20
President Carnot, five blotched white.....	.25	.45	3.00
President McKinley, five blotched yellow..	.25	.45	3.00
Prince Bismarck, bronze and light brown.....	.15	.30	2.00
Prince Henry. Darkest blue.....	.15	.30	2.00
Purple, very large, rich deep purple.....	.15	.30	2.00
Purple King .....	.15	.30	2.00
Pretiosa, dark purple on white ground.....	.25	.45	3.00
Ruby Red. Purplish red shades.....	.15	.30	2.00
Striped, mahogany striped and flaked white .....	.15	.30	2.00
Trimardeau, mixed .....	lb., \$20.00	.10	1.40
Violet Blue, a very pleasing shade.....	.15	.30	2.00
Victoria. Wine red .....	.15	.35	2.40
Volcano, rich dark red with black blotches .....	.25	.45	3.00
White, with dark eye, very large.....	.15	.30	1.80
Yellow, with dark eye, immense flowers....	.15	.30	1.80

## RICINUS

Trade pkt. Oz.

Zanzibariensis, mixed .....	lb., \$1.50	\$0.10	\$0.15
Zanzibariensis Enormis .....	lb., \$2.00	.10	.20
Borboniensis Arboreus, Green foliage.....	.05	.15	
Sanguineus, Green leaved, red stems.....	lb., \$1.00	.05	.15
Cambodgensis. Very dark.....	lb., \$1.60	.05	.15
Panormitanus, Bronze lvd., blue stems.....	lb., \$2.00	.10	.20
Gibsoni, Mulberry colored foliage.....	lb., \$2.00	.10	.20
Mixed, many kinds.....	lb., 1.00	.05	.10



SCHIZANTHUS—Garaway's Large-Flowering Hybrids

SALPIGLOSSIS

	Trade pkt. Oz.
Large-Flowering, mixed extra choice.....	\$0.15 \$0.80
Superbissima (Emperor). Crimson.....	.15 1.00
Faust. Black .....	.15 1.00
Rose and Gold .....	.15 1.00
Velvety Violet .....	.15 1.00
Violet and Gold .....	.15 1.00
Purple and Gold .....	.15 1.00
Scarlet and Gold .....	.15 1.00
White and Gold .....	.15 1.00
Golden Yellow .....	.15 1.00
Light Blue and Gold .....	.15
Emperor. Mixed, very fine.....	.15 .80
Gloxiniaflora. Mixed .....	¼ oz., 45c .20 1.20
Vaughan's Special Mixture.....	¼ oz., 35c .20 1.20

SALVIA

	Trade pkt. Oz.
Splendens (Scarlet Sage).....	.25 1.80
Splendens Clara Bedman or Bonfire.....	¼ oz., 65c .35 2.40
America. New .....	¼ oz., \$1.25 .50 4.40
Drooping Spikes. Very fine.....	¼ oz., 70c .25 2.40
Fireball. Dwarf .....	¼ oz., \$1.00 .35 3.60
Ostrich Plume Flowers bright scarlet, and instead of each stem having but one flower spike they produce a cluster not unlike a Celosia. It is quite distinct and comes true from seed.....	½ oz., 80c .50 6.00
Zurich. Very dwarf and early.....	¼ oz., 80c .35 3.00
Coccinea, Scarlet, annual .....	.10 .40
Farinacea, Blue .....	.20 1.00
Sanvitalia Procumbens fl. pl.....	.20 1.00
Saponaria Multiflora Calabrica Red.....	.10 .40
Vaccaria Rose, fine for cutting.....	.10 .40

SCABIOSA

	Trade pkt. Oz.
Large-Flowering, Double Tall mixed.....	.10 .40
Double Fiery Scarlet.....	.10 .50
Black Prince .....	.10 .50
Cherry Red .....	.10 .50
Flesh .....	.10 .50
Azure Fairy. A splendid cut flower.....	.10 .50
Rose .....	.10 .50
Snowball. Best for double white.....	.10 .50
Vaughan's Special Mixture.....	.10 .60
Yellow (minor aurea pl.).....	.10 .50

	Trade pkt. Oz.
Schizanthus. (Butterfly Flower) mixed.....	\$0.10 \$0.30
Wisetonensis .....	.20 1.00
Garaway's Large Flowering Hybrids. A grand strain producing large flowers with handsome markings on white, buff, brilliant rose, blue or purple ground.....	1-32 oz., \$1.00 .50
Sedum Coeruleum (Stone Crop).....	.35
Sensitive Plant (Mimosa Pudica).....	.10 .40
Shamrock .....	.15 .80
Silene Pendula Alba.....	.05 .20
Pendula Rosea .....	.05 .20
Armeria (Catchfly), mixed.....	.05 .20
Smilax .....	¼ lb., 75c; lb., \$2.80 .10 .30
Snapdragon. See Antirrhinum.	
Solanum Capsicastrum Melvini, berries pointed and do not drop easily.....	.15 .80
Capsicastrum nanum.....	.15 .60
Birds' Eye.....	.25
Clevelandii .....	½ oz., 80c .25 3.00
Statice Sinuata. Blue, fine cut-flower.....	lb., \$4.20 .10 .40
Sinuata. White .....	lb., 4.20 .10 .40
Sinuata Rosea .....	lb., 4.20 .10 .40
Bonduelli, Golden yellow .....	lb., 4.40 .10 .40
Suworowii, Russian. Flowers bright rose color .....	.25 1.40
Stevia Serrata. White, fine cut-flower.....	.25 1.40

# STOCKS

DWARF, LARGE-FLOWERING, TEN WEEKS

Canary Yellow	Blood-Red	Carmine Rose
Light Blue	Mauve	Flesh
Dark Blue	White	
Each of above trade pkt., 25c; ½ oz., 40c; ¼ oz., 65c; oz., \$2.00.		

Mixed, all colors. Extra choice, trade pkt., 25c; ½ oz., 35c; ¼ oz., 60c; oz., \$1.80.

GIANT PERFECTION—Cut and Come Again

Dark Blue	Canary Yellow	Sky Blue
White (Princess Alice)	Scarlet	Flesh
Silvery Lilac		
Each of the above, trade pkt., 25c; ½ oz., 35c; oz., \$2.20.		

Mixed, all colors, trade pkt., 25c; ¼ oz., 60c; oz., \$2.00.

GIANT BISMARCK

One of the best Stocks, both for inside and outside planting. The plants grow in pyramidal form, about 20 inches, are strong and robust and are covered with large double flowers. They start to bloom early (before the Giant Perfection) and continue to bloom into fall. The percentage of double flowers is very high.

Pure White Gold Ball Lavender Rose  
Each of the above, trade pkt., 25c; ½ oz., 50c; oz., \$3.60.

BEAUTY OF NICE—Early, Large-Flowering, Winter

	Trade pkt. Oz.
Pink .....	¼ oz., 60c \$0.25 \$2.00
Aurora .....	.50
Mont Blanc, white .....	¼ oz., 60c .25 2.20
Crimson .....	½ oz., 35c .25 2.40
Empress Augusta Victoria, Silvery lilac, ½ oz., 35c .25 2.60	
Old Rose Improved .....	½ oz., 50c .25 3.00
Dark Violet .....	½ oz., 40c .25
Cote d'Azure. Blue .....	½ oz., 65c .25 2.40
Madam Paquet. Rich golden yellow .....	.35
President Woodrow Wilson. Violet slate color... .35	
Monte Carlo. Yellow .....	½ oz., 35c .25 2.40
Abundance. Brilliant lilac rose.....	½ oz., 35c .25 2.40
Beauty of Nice. Mixed.....	½ oz., 35c .25 2.00

EMPEROR OR WINTER

White, Pink, Crimson. Mixed, each.....	.35
Empress Elizabeth. Bril'tn carmine rose, ½ oz., 60c .....	.35
Large-Flowering Winter, White Lady .....	.50
Heatham Beauty .....	½ oz., 70c .35
Column. White .....	½ oz., 60c .35
Gloria, Red .....	½ oz., 60c .25

SUNFLOWER

Trade pkt. Oz.

Miniature Sunflower ( <i>Cucumerifolius</i> )		\$0.10	\$0.30
Cucumerifolius Stella		.10	.40
Orion		.10	.40
Double Hybrids		.10	.50
Purpureus		.10	.50
Mixed Varieties		.10	.50
Annus Purpureus (Red Sunflower)		.10	.40
Argyrophyllus (Silver-leaved)		.05	.15
Californicus, fl. pl. Double Californian		.05	.15
Globosus Fistulosus, fl. pl. Fine double		.05	.15
Double Dwarf ( <i>Nanus</i> fl. pl.)		.10	.25
Double Chrysanthemum-Flowered		.10	.40

Thunbergia. Mixed		.15	.80
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*Torenia Fournieri Grandiflora*, makes a fine pot plant, flowers blue with dark blotches on lip .....  $\frac{1}{8}$  oz., .50c .25  
 White Wings .....  $\frac{1}{8}$  oz., .60c .25  
*Trachelium Coeruleum*..... .25

VERBENA

Mammoth. Mixed	lb., \$10.00	.15	.80
White. Extra choice	$\frac{1}{4}$ oz., .30c	.20	1.00
Purple shades		.15	.90
Pink shades		.25	1.40
Dark blue		.15	.90
Blue shades		.15	.90
Striped on Red Ground		.25	1.60
Defiance. Brilliant scarlet, true		.20	1.20
Firefly. Brilliant scarlet, white eye		.25	1.20

Hybrida Gigantea. A mixture of a new Giant strain in which red shades with a white eye predominate		.25	1.60
Lucifer brilliant new red		.35	3.00
Auricula-Flowered. Mixed		.15	.80
Dark Blue with White Eye		.20	1.20
Lutea. Yellow		.25	
Purple Mantle		.20	1.20
Mixed, extra choice		.15	.80
Nana Compacta. Dwarf mixed		.25	
Venosa		.15	.80
Lemon ( <i>Citriodora</i> )	$\frac{1}{4}$ oz., .60c	.25	
Erinoides (Moss Verbena). Purple		.20	1.00
White		.25	

**Vaughan's Best Mixed.** This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains and colors of the Mammoth type, the May-flower, the best European introductions of last year, all grown separately, and mixed in the right proportion.  
 Trade pkt., 25c;  $\frac{1}{4}$  oz., .50c; oz., \$2.00; 2 ozs., \$3.50.

VINCA

Trade pkt. Oz.

Vinca Rosea. Mixed		\$0.15	\$0.80
Rosea Pink		.15	.80
Fl. Albo Oculata. White with pink eye		.15	.80
Alba Pura. Pure white		.15	.80
Delicata. Soft pink (new)		.25	

Viscaria. Mixed		.10	.40
Nana compacta. Mixed		.15	.80
Cardinalis		.10	.40
Virginia Stocks. Mixed. A splendid edging plant	lb., \$1.40	.05	.15
Rose, white and crimson, each		.10	.25
Xeranthemum. Double mixed	lb., .60c	.10	.60
Zea Japonica (Variegated Corn)		.10	.20
Japonica Quadricolor Perfecta		.10	.20



VERBENA—Vaughan's Best Mixture

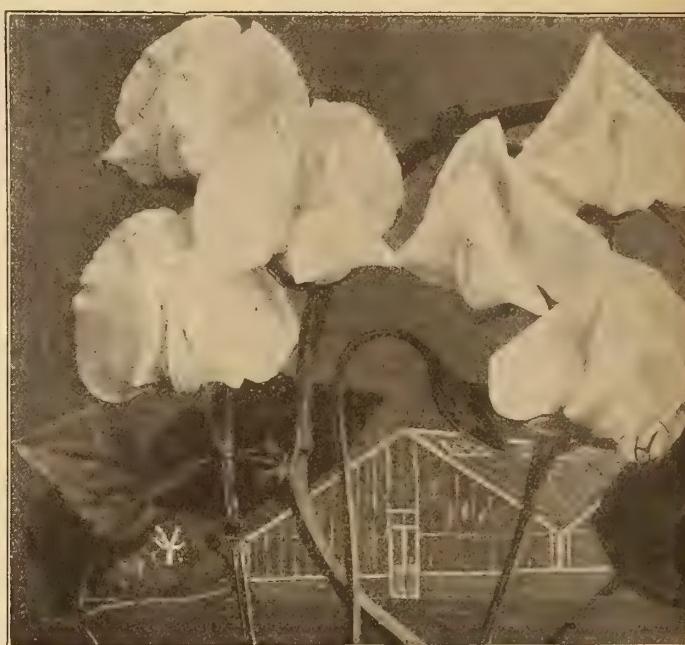
ZINNIA

Elegans. Double White, Scarlet, Golden Yellow, Trade pkt. Oz.	
Rose, Flesh and General Jacqueminot	Each \$0.10 \$0.40
Black Knight	.10 .40
Burnt Orange	.10 .60
Fleshy White (Apple Blossom)	.10 .60
Elegans, fl. pl. Double mixed	lb., \$3.00 .10 .30
Pumila fl. pl. Mixed. Double dwarf, extra choice	.10 .40
Alba plena. Snowball	.10 .50
Coccinea plena. Fireball	.10 .50
Rosea plena. Pinkball	.10 .50
Aurea plena. Goldball	.10 .50
Salmon rose. Remarkable shade, good for cut flowers	.15 .80
Colossal White	lb., \$9.00 .15 .80
Apricot Yellow	.35 2.00
Burnt Orange	.20 1.00
Shrimp Pink	.30 2.20
Orange	lb., \$9.00 .15 .80
Golden Yellow	lb., \$9.00 .15 .80
Sulphur Yellow	lb., \$9.00 .15 .80
Flesh color	lb., \$9.00 .15 .80
Crimson	lb., \$9.00 .15 .80
Scarlet	lb., \$9.00 .15 .80
Purple shades	lb., \$9.00 .15 .80
Cream	lb., \$9.00 .25 1.40
Butter Cup	.30 2.80
Pink shades	lb., \$9.00 .15 .80
Salmon pink	.25 1.20
Colossal varieties, special. Mixed	lb., \$9.00 .15 .80
Dahlia, Flowered, choicest mixed	.30 1.80
Picotee Mixed	.25 1.60
Picotee Golden Pheasant	.25 1.80
Zebra or Carnation Striped	.10 .60
Crested and Curled	.10 .60
Lilliput. Mixed	.10 .50
Scarlet Gem	.15 .80
White Gem	.15 .80
Golden Gem	.15 .80
Gracillima fl. pl. Coccinea (Red Riding Hood)	.15 .80
Mexicana (Haageana) fl. pl.	.15 .80
Hybrida. New Mexican Hybrids. Single	.15 .80

# Spencer Varieties

## LATE OR SUMMER SORTS

	Oz.	Lb.
Agricola. Faint lavender and blush.....	.25	\$2.40
Alexander Malcolm. Scarlet cerise.....	.60	7.00
America. White, striped, crimson scarlet.....	.25	2.80
Annie Bownass. Coppery salmon.....	.40	4.80
Appleblossom. Rose with primrose.....	.25	2.60
Asta Ohn. A soft pinkish lavender self.....	.25	3.00
Aurora. Orange rose striped white.....	.25	2.60
Barbara. Salmon .....	.40	5.00
Blanche Ferry. Rose standard and wings suffused and tinted with light pink.....	.25	2.60
Blue Monarch. Dark blue .....	.25	2.80
Blue Picotee. White edged violet.....	.25	2.40
Bolton's Orange. Orange salmon.....	.40	4.80
Chas. Foster. Pale blush pink, flushed lavender..	.25	2.60
Clara Curtis. Cream .....	.25	2.80
Constance Hinton. Black seeded white .....	.30	3.60
Countess Spencer. Standard and wings clear pink, deepening toward the edge.....	.25	2.60
Dainty. White ground with picotee edge of rose pink .....	.25	2.80
Dobbies Cream. Cream .....	.30	3.20
Dobbie's Lavender George Herbert. Pure lav- ender .....	.30	3.00
Earl Spencer. Rich orange and salmon.....	.40	5.00
Edith Taylor. Bright salmon rose.....	.30	3.60
Edward Cowdy. Orange scarlet .....	.25	3.00
Elfrieda Pearson. Large pale pink, the buds and young flowers having a distinct tint of buff..	.25	2.80
Empress Eugenie. Light gray flaked lavender....	.25	2.60
Eva. Pure white .....	1.00	14.00
Fiery Cross. Intense orange scarlet.....	.60	7.00
Flora Norton. Light blue.....	.25	2.80
Florence Morse. Deep blush pink.....	.25	2.60
Florence Nightingale. Lavender .....	.30	3.20
George Herbert. Rose carmine.....	.20	2.40
Hawimark Pink. The finest pink Sweet Peas....	.80	10.00
Helen Lewis. Orange salmon.....	.25	2.80
Helen Pierce. Blue mottled.....	.25	2.80
Henry Ohn (Henrietta). Duplexed cream pink..	.25	2.80
Hercules. A pale rosy pink flower of giant size..	.30	3.00
Hilary Christie. Orange cerise .....	.20	2.40
Illuminator. Rich salmon pink.....	.25	2.80
Jean Ireland. Cream colored edged with pink....	.20	2.40
King Edward VII. The best pure red Spencer...	.25	2.80
King Manuel. Chocolate maroon.....	.30	3.20
King Mauve. Largest waved mauve .....	.25	2.80
King White. Gigantic flowers of pure white.....	.30	3.00
Loyalty. Blue striped .....	.25	2.80
Margaret Atlee. Rosy salmon on a buff ground..	.25	3.00
Margaret Madison. A beautiful azure blue.....	.25	3.20
Marks Tey. Violet bronze wings.....	.25	2.80
Mascot's White. An improved Nora Unwin.....	1.00	14.00
Masterpiece. Lavender .....	.30	3.20
Mrs. Arnold Hitchcock. Pale pink, flushed salmon	.40	5.00
Mrs. Cuthbertson. Standard rose-pink, wings nearly white .....	.25	2.60
Mrs. C. W. Breadmore. Buff, edged pink .....	.20	2.40
Mrs. Hugh Dickson. Salmon pink on cream.....	.20	2.40
Mrs. J. Unwin. Best striped.....	.25	2.80
Mrs. J. Balmer. White edged and flushed rose on cream ground .....	.20	2.40
Mrs. Tom Jones. Bright blue.....	.60	7.00



	Oz.	Lb.
Mrs. Townsend. White edged with blue.....	.025	\$2.40
New Buttercup. Best yellow.....	.25	3.00
New Miriam Beaver. Salmon pink.....	.30	3.20
Nubian. Fine chocolate color.....	.30	3.20
Old Rose .....	.30	3.60
Picture. Flesh pink with creamy apricot.....	1.20	
R. F. Felton. Lilac standard, grey wings.....	.30	3.60
Robert Sydenham. Orange salmon.....	.50	5.00
Rosabelle. A very fine large rose-colored flower.	.25	3.00
Royal Purple. Rich purple .....	.25	3.20
Royal Scot. Brilliant scarlet .....	2.40	
Senator. Claret and chocolate stripe on grey....	.25	2.80
Stirling Stent. A deep salmon.....	.30	3.60
Tangerine. Salmon orange.....	.80	
The Cardinal. Brilliant poppy scarlet.....	.30	3.60
The President. Glowing scarlet self.....	.25	3.00
Tennant. Purplish mauve, a large, fine flower...	.20	2.40
Thomas Stevenson. Bright orange scarlet .....	.25	3.00
Vermilion Brilliant. A brilliant scarlet Spencer..	.25	3.00
Warrior. A fine maroon .....	.30	4.00
Wedgewood. A lovely self blue .....	.30	4.00
White. Flowers very large.....	.30	3.00
Vaughan's Special Mixture of Spencer Varieties, made up mostly from separate varieties, 10 lbs. \$20.00.....	.20	2.20
Vaughan's Florists' Mixture of Spencer Varieties. This is a mixture made by ourselves mostly of light-colored varieties, most suitable for florists' cut-flower trade.....	.30	3.60
Spencer Hybrids in splendid mixture. 10 lb., \$12.00	.15	1.40

WE ISSUE A SPECIAL LIST OF SWEET PEAS FOR AUTUMN  
SOWING IN JULY. ASK FOR IT, IF YOU ARE NOT ON OUR  
REGULAR MAILING LIST.

# Peas

## Spencer Varieties

### EARLY-FLOWERING

	Oz.	Lb.
All-White. Best white seeded white.....	\$1.20	\$16.00
Amethyst. An early flowering "Royal Purple"....	.80	10.00
Apricot Orchid. A delightful and charming shade .....	.65	8.00
Ast Ohn. Lavender.....	.50	6.00
Aviator. Scarlet .....	.80	10.00
Blue Bird. Violet blue.....	.65	8.00
Bohemian Girl. Deep pink standard orange blush.....	.50	6.00
Columbia. Pink and white.....	1.00	15.00
Cream. It has immense blossoms very frilled and duplexed .....	.50	6.00
Cherry Ripe. Salmon cerise.....	.65	8.00
Fair Maid. Pink and salmon.....	1.20	16.00
Fire King. Orange scarlet.....	.80	10.00
Glitters. Fiery orange.....	.80	10.00
Gorgeous. Salmon rose .....	.80	10.00
Harmony. Lavender .....	1.00	
Heather Belle. Mauve .....	.50	6.00
Hercules. Pink .....	.60	7.00
Liberty. A very good early red .....	.50	6.00
Madonna. Black seeded white.....	1.20	16.00
Melody. This is a deeper shade of pink than "Early Song Bird" on white ground.....	.50	6.00
Morning Star. Orange scarlet.....	.50	6.00
Miss Louise Gude. Shell pink.....	.80	10.00
Mrs. Chas. Zvolanek. Clear lavender.....	.80	10.00
Mrs. A. A. Skaach. Flowers bright shell pink....	.50	6.00
Mrs. M. Spanolin. Black-seeded white.....	.50	6.00
Mrs. William Sim. Apricot pink.....	.65	8.00
Nightingale. Lavender .....	.70	9.00
Othello. Maroon .....	.90	12.00
Pink and White. Blanche Ferry type, extra choice .....	.50	6.00
Princess. Lavender .....	.50	6.00
Rose Charm. Bright rose.....	1.00	14.00
Robin Red Breast. Bright orange scarlet.....	1.00	14.00
Rose Queen. Rose pink.....	.90	12.00
Spring Maid. Light pink on cream ground.....	.50	6.00
Snowflake. White .....	.50	6.00
Snowstorm. White .....	.65	8.00
Song Bird. Pale pink and buff.....	.65	8.00
Songster. Lavender .....	1.00	14.00
The Beauty. Fiery dark rose.....	.65	8.00
Torch. Salmon rose .....	1.00	
Venus. Standard white, slightly blushed wing...	.50	6.00
Warbler. Rich mauve purple.....	.50	6.00
Wedgewood. Clear blue.....	.65	8.00
White Orchid. White flowers of good substance..	.50	6.00
Yarrawa. Rose, changing light pink standard tinted buff .....	.50	6.00
Zvolanek's Blue. Bright blue.....	.60	7.00
Zvolanek's Rose .....	1/4 lb. for \$5.00	1.35
Mixed. Early Flowering Spencers, many kinds...	.40	5.00
Vaughan's Special Mixture, Winter Spencers.....	.90	12.00

### SWEET PEAS IN MIXTURE

Vaughan's Prize Mixture. This mixture con- tains the cream of the new and standard sorts, including many Spencer varieties, 10 lbs., \$10.00 .....	.15	1.20
Eckford Mixture. This mixture contains over thirty varieties, including some of the novelties for 1920 and other choice sorts, 10 lbs., \$5.00 .....	.10	.60
Many Colors Mixed.....	10 lbs., \$4.20	.10

### WINTER-FLOWERING—Unwin Types

Blue Jay. Bright blue self color.....	.40	5.00
Lavender Nora. Lavender .....	.30	3.00

### EARLY-FLOWERING—Grandiflora Types

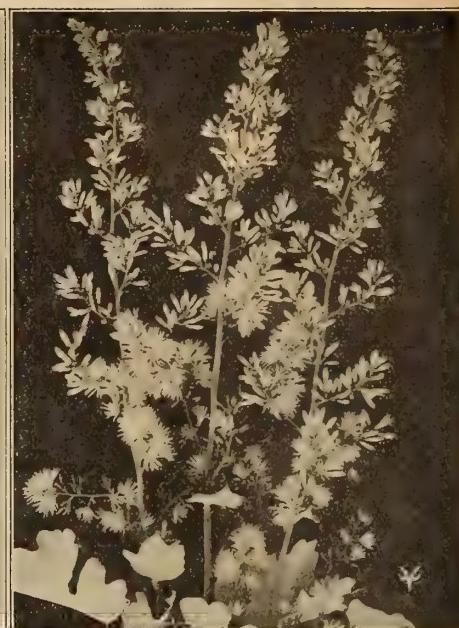
Mrs. Alexander Wallace. Lavender.....	.20	2.00
Christmas Pink. Pink and white.....	.15	1.80
Mont Blanc. Pure white.....	.15	1.80
Prima Donna. Daybreak pink.....	.20	2.40



AQUILEGIA



CAMPANULA



BOCCONIA

## SEEDS OF BIENNIALS AND HARDY PERENNIALS

Many of the biennials and perennials are now as important to florists as Asters, Sweet Peas, Verbenas, etc., are among the annuals. Some can be forced, such as Delphinium, Canterbury Bells, etc., while many others sell as readily as Geraniums if grown

in pots, not to speak of the cut-flower sorts, such as Coreopsis Gypsophila, Chrysanthemum, Shasta Daisy, Physostegia, etc. They are really needed in every florist's establishment that caters to the better-class of trade. The demand for them is increasing.

	Trade pkt. Oz.
<b>Acanthus Latifolius</b> , very ornamental....	lb., \$1.60 \$0.20
Mollis, fine foliage.....	lb., \$2.00 .20
<b>Achillea Ptarmica</b> fl. pl., The Pearl....	1/8 oz., \$1.00 .50
<b>Aconitum Fisherii</b> .....	.35 \$1.80
Napellus .....	.35 1.80
Wilsonii .....	.50
<b>Adlumia Cirrhosa</b> (Allegheny Vine).....	.25 1.20
<b>Adonis Vernalis</b> , bright yellow.....	.15 .80
<b>Agathea Coelestis</b> (Blue Daisy).....	1/4 oz., 50c .25
<b>Agrostemma Coronaria</b> , mixed.....	.10 .30
Flos Jovis, pink.....	.10 .30
<b>Alyssum Saxatile Compactum</b> , yellow.....	.10 .60
<b>Ampelopsis Veitchii</b> (Boston or Japan Ivy), clean seed.....	lb., \$3.00 .10 .30
<b>Anchusa Capensis</b> .....	.10 .50
Italica, Dropmore variety.....	lb., \$10.00 .15 .80
<b>Anemone Sylvestris</b> , white.....	.25 1.40
Coronaria, mixed.....	.15 .60
St. Brigid's Hybrids.....	1/4 oz., 60c .25
Pulsatilla, violet lilac.....	.25 1.40
<b>Anthemis Tinctoria</b> (Golden Marguerite).....	.15 .60
Kelwayi, yellow.....	.15 .60
<b>Aquilegia Canadensis</b> , scarlet and yellow.....	.25
Chrysantha (Golden Columbine).....	1/4 oz., 60c .35 2.00
Grandiflora Alba, white.....	1/4 oz., 60c .35 2.20
Fl. Pleno, double .....	.35
<b>Coerulea</b> , Rocky Mountain Columbine.....	lb., \$20.00 .25 1.60
Hybrida (Haylodgensis).....	.25 1.80
Rose Queen, pink.....	1/4 oz., 85c .35 2.80
Helena.....	.50
Nivea Grandiflora, large white.....	.15 .60
Skinneri, scarlet tipped green.....	1/4 oz., 75c .35
Vulgaris Alba Plena, double white.....	.20 1.00
Single mixed.....	lb., \$6.00 .15 .60
Long Spurred, Mrs. Scott Elliot's strain.....	1/8 oz., \$1.00 .50
Long Spurred varieties.....	.50
Double mixed .....	lb., \$5.00 .10 .50
Vaughan's Special Mixture.....	1/4 oz., \$1.00 .50
<b>Arabis Alpina</b> (Alpine Rock-Cress, white, sweet scented) .....	.10 .40
Grandiflora Superba.....	.15 .80

	Trade pkt. Oz.
<b>Aristolochia Sipho</b> (Dutchman's Pipe)....	lb., \$8.00 \$0.15 \$0.70
<b>Armeria Maritima</b> (Cushion Pink), purple.....	.35
Formosa (Sea Pink) .....	.15 .80
<b>Arundo Donax</b> , Ornamental Grass.....	.10 .60
Donax Fol. var.....	.10 .70
<b>Asclepias Tuberosa</b> , orange.....	.35 1.80
<b>Asphodelus Luteus</b> , fragrant yellow flowers.....	.15 .80
<b>Aster</b> , Perennial Mixed (Michaelmas Daisy).....	.35 1.60
<b>Auricula</b> , extra choice mixed.....	1/8 oz., 80c .35
<b>Bellis or Double Daisy</b> , Vaughan's Mammoth Mixture .....	1/8 oz., 50c .35 3.20
Vaughan's Mammoth, White.....	1/8 oz., 60c .35 4.00
Vaughan's Mammoth, Pink.....	1/8 oz., 60c .35 4.00
Double Extra Choice, mixed.....	1/8 oz., 35c .25 2.00
Longfellow, dark pink.....	1/8 oz., 35c .25 2.40
Snowball, double white .....	1/8 oz., 35c .25 2.20
Double red.....	1/8 oz., 75c .35
Double Rosy White, quilled.....	1/8 oz., 75c .35
Monstrosa Double Pink.....	1/8 oz., 60c .35 4.00
Monstrosa Double White.....	1/8 oz., 60c .35 4.00
<b>Bocconia Japonica</b> (Plume Poppy), fine foliage plant	.10 .40
<b>Boltonia Asteroides</b> , white.....	.35 1.40
Latisquama, pink.....	.35 1.40
<b>Buddleya Variabilis</b> Veitchiana.....	.25 1.40
<b>Bupthalmium Cordifolium</b> .....	.25 1.00
Salicifolium .....	.15 .80
<b>Campanula Carpatica</b> (Hare Bell) blue.....	.20 1.00
Carpatica Alba, white.....	.20 1.00
Mixed .....	.20 1.00
Lactiflora Coerulea .....	.25
<b>Macrantha</b> .....	.15 .80
Medium (Canterbury Bell), s'gle mixed, lb., \$4.00	.10 .40
Single White, Blue or Pink.....	each .10 .50
Double mixed .....	each .20 1.00
Double Blue, Rose and White.....	each .20 1.20
Double and Single mixed.....	.15 .80
<b>Calycanthema</b> (Cup-and-Saucer), choice mixed	.25 1.40
Pink, Blue, White .....	each .25 1.60
<b>Persicifolia Grandiflora</b> Alba white, excellent cut flowers.....	.35
Coerulea, blue.....	.35
Mixed .....	.35

Our Gold Medal Delphinium Mixture has produced many varieties pronounced by experts to be equal to some of the newer named kinds.



EUPATORIUM



COREOPSIS Lanceolata



DELPHINIUM—Gold Medal Hybrids

## SEEDS OF BIENNIALS AND HARDY PERENNIALS—Continued

Trade pkt. Oz.

Trade pkt. Oz.

**Campanula.**

Pyramidalis, blue .....	\$0.20	\$1.00
Alba, white.....	.20	1.00
Mixed .....	.20	1.00
Perennial varieties, mixed.....	.35	1.80
<b>Candytuft Sempervirens (Hardy Candytuft).</b> White .....	.35	1.40
Gibraltarica. Large flowers, lilac, shading to white .....	.35	1.40
<b>Carnation, Vienna Dwarf, mixed.</b> ....	1/4 oz., 40c	.25
Vienna White.....	1/4 oz., 50c	.35
Pink .....	1/4 oz., 60c	.35
Grenadin Red.....	1/4 oz., 40c	.25
White .....	1/4 oz., 50c	.35
Pink, Yellow and Velvet Brown, each.....	1/4 oz., 60c	.35

**Catananche Coerulea.** Fine cut flower.....

Coerulea flora albo.....	.15	.60
<b>Centaurea Montana, blue.</b> ....	lb., \$7.00	.15
Montana, White.....		.35
Macrocephala .....	.25	1.20
Ruthenica, Yellow.....	.25	

**Centranthus Ruber.** See Valeriana.**Cerastium Tomentosum (Snow in Summer).** ....

1/4 oz., 40c .....	.25	
<b>Cheiranthus Allioni.</b> .....	.15	.60
<b>Chelone Barbata, New Hybrids.</b> Mixed, varying from flesh-color, pink to dark red and violet..	.15	.60
Torreya .....	.15	.80

**Chrysanthemum Maximum (Ox-Eye Daisy).** ....

lb., \$4.00 .....	.10	.40
<b>Maximum King Edward VII.</b> Robust. lb., \$6.00 .....	.15	.60
Laciiniatum, Comet Marguerite....	1/4 oz., 35c	1.00
Market Favorite. A splendid cut flower variety .....	.35	
Leucanthemum (Spring Marguerite).....	.15	.80
Mrs. C. Lothian Bell.....	.25	1.00

**Cimicifuga Dahurica** .....

Racemosa .....	.25	1.20
<b>Cineraria Maritima Candidissima.</b> .....	.10	.40
Maritima Diamond. Leaves pure white.....	.15	.60

**Clematis Paniculata.** White.....

lb., \$3.00 .....	.10	.40
<b>Coreopsis Lanceolata Grandiflora.</b> Golden yellow .....	.15	.60

**Crucianella Stylosa.** Bright crimson, dwarf growing .....**Daisy—See also Bellis.**

Shasta, Alaska .....	1/4 oz., 50c	.35	1.60
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**Delphinium (Larkspur) Elatum Hybridum.** Mixed, \$0.15 \$0.80  
Elatum Hybridum. Double Hybrids. Mixed,

very choice..... 25 1.40

Indigo Blue..... .50

Belladonna. Light Blue..... lb., \$40.00 .50 3.00

Hybrids..... .50

Bellamosa..... .50

Formosum. Blue, 3 ft..... .35 2.00

Chinese. Blue. Fine cut-flower..... .15 .80

White..... .15 .70

Mixed..... .15 .70

Nudicaule, scarlet..... 1/4 oz., \$1.20 .50

**Vaughan's Gold Medal Hybrids.** An extra choice strain .....

..... .35 2.00

**Dianthus Barbatus (Sweet William).**

Albus. White..... .15 .60

Atro-sanguineus. Blood-red..... .10 .40

Oculatus Marginatus..... .10 .40

Nigrescens. Black..... .10 .50

Roseus. Pink..... .15 .60

Mutabilis, Harlequin..... .10 .40

Coppery Red..... .20 1.00

Scarlet Beauty..... .25 1.40

Pink Beauty (Salmon)..... .25 1.20

Diadematus. Rose sprinkled white..... .15 .80

Johnson's Giant..... .15 .80

Single Mixed..... lb., \$3.60 .10 .40

Single Giant Flowered, mixed..... .15 .60

Albus pl. Double white..... .15 .80

Double Blood-Red..... .25 1.20

Double Pink, Roseus fl. pl..... .25 1.40

Double Mixed..... .15 .70

Double Giant Flowered, mixed..... .25 1.20

**Vaughan's Special Mixture.** Double and single

Barbatus X Chinensis, blooms first year from seed .....

..... .15 .70

**Dianthus Plumarius (Pheasant's Eye).** Single mixed .....

..... lb., \$4.00 .10 .40

Plumarius Double. Fine mixed..... 1/4 oz., 40c .25 1.40

Cyclops. Best single..... .15 .80

Cyclops Red Hybrids..... .35 1.80

Semperflorens. Single and double mixed.... .25 1.40

Diadematus. Rose sprinkled white..... .20 1.00

Albus Plenus. Double white..... 1/8 oz., 60c .50 3.00

Nanus fl. pl. Double Early Flowering, mixed .....

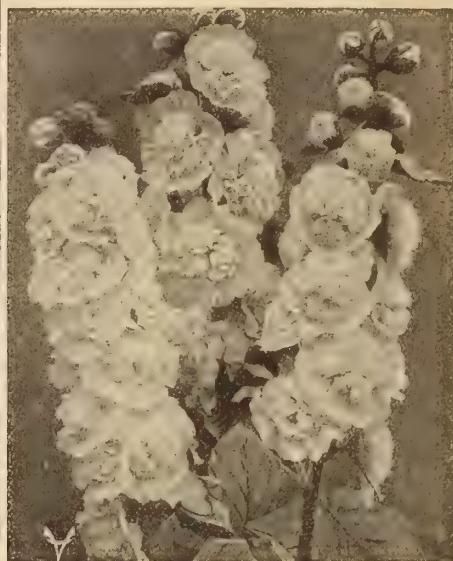
..... 1/4 oz., 45c .25 1.60

**Vaughan's Special Mixture.** ..... 1/4 oz., 60c .35 2.00

We issue a Leaflet on Hardy Perennials.  
Free on request.



GYPSOPHILA—Paniculata Flore Pleno



HOLLYHOCK—Double Mixed



LATHYRUS Latifolius (Perennial Pea)

## SEEDS OF BIENNIALS AND HARDY PERENNIALS—Continued

	Trade pkt. Oz.	Trade pkt. Oz.			
Dianthus Deltoides .....	.035	Gaillardia Grandiflora. Mixed.....	lb., \$6.00	\$0.10	\$0.50
Dianthus Caesius. Dense tufts of glaucous blue foliage and large rose colored flowers in great profusion. A very pretty alpine.....	.15	Grandiflora Compacta. Mixed.....		.10	.60
Dictamnus Fraxinella (Gas Plant). Red. lb., \$6.00	.10	Grandiflora, New Varieties Mixed. The flowers are of enormous size and colors most varied	.20	1.00	
Fraxinella Alba. White.....lb., \$6.00	.10	Maxima Kermesina Splendens.....	.15	.70	
Caucasicus .....	.25	Sulphurea Oculata (Sulphur Queen).....	.15	.60	
Digitalis Grandiflora (Golden Foxglove).....	.10	Gentiana Acaulis. Dark blue.....	.35	2.00	
Gloxiniaeflora. Mixed .....lb., \$4.40	.10	Lutea. Yellow.....	.25		
White, Pink, Purple, each.....	.10	Geum Atro-sanguineum fl. pl. Double scarlet.....	.15	.60	
Maculata Iveryana. Spotted.....	.15	Coccineum. Mrs. Bradshaw (New).....	.25	1.20	
Purpurea .....	.10	Heldreichi. Large orange.....	.25	1.60	
Mixed .....lb., \$5.00	.10	Golden Rod, Solidago Canadensis.....	.10	.60	
Monstrosa. Mixed.....	.15	Gymnothrix Latifolia. Perennial grass.....	.10	.50	
Vaughan's Special Mixture.....	.15	Gypsophila Paniculata .....lb., \$4.80	.10	.40	
Echinacea Hybrida (Cone Flower).....	.20	Paniculata Fl. Pl. (30 to 40% true)..... $\frac{1}{8}$ oz., \$1.20	.50		
Purpurea .....	.35	Helenium Autumnale Superbum. Light yellow.....	.35		
Echinops Ritro. Blue; fine.....	.10	Bigelowi. Yellow.....	.35		
Sphaerocephalus. Light blue.....	.10	Hoopesi. Yellow.....	.25	1.20	
Edelweiss .....	.50	Riverton Gem.....	.35	1.60	
Erianthus Ravennae (Pampas Grass).....	.10	Helianthus Maximilianii. Early-flowering.....	.35		
Erigeron Grandiflora Elatior. Bluish lilac.....	.20	Perennial Varieties. Mixed..... $\frac{1}{8}$ oz., 40c	.35		
Speciosa Semi-plena .....	.15	Heliopsis Pitcheriana (Orange Sunflower).....	.20	1.00	
Hybridus Grandiflorus .....	.20	Scabria Major.....	.15	.60	
Eryngium Amethystinum. Large blue flowers.....	.50	Helleborus Niger. Christmas Rose.....	.15	.90	
Alpinum. Dark blue.....	.35	Hesperis Matronalis. Purple.....	.10	.40	
Plenum. Azure blue.....	.10	Matronalis Alba.....	.10	.40	
Eulalia Japonica.....	.10	Heuchera Sanguinea. Crimson..... $\frac{1}{4}$ oz., 60c	.25		
Japonica fol var.....	.10	Splendens. Dark red..... $\frac{1}{4}$ oz., 75c	.35		
Eupatorium Ageratoides, fine cut-flower fall bloomer .....	.15	Hibiscus. Crimson Eye .....	.15	.60	
Fraseri. White.....	.15	Giant Yellow or Golden Bowl.....	.20	.80	
Forget-Me-Not (Myosotis) Alpestris. Blue.....	.15	Moscheutos Roseus.....	.15	.60	
Alpestris. White.....	.20	Mallow Marvels.....lb., \$6.00	.15	.60	
Rosea. Pink.....	.15	Hollyhocks. Double Maroon, Yellow, Pink, Blood-red, Deep Rose, Crimson, Dr. Faust, Salmon. Each of the above..... $\frac{1}{4}$ oz., 35c	.20	1.20	
Eliza Fonrobert, true.....	.15	Newport Pink, Double White, each..... $\frac{1}{4}$ oz., 40c	.25	1.40	
Victoria. Sky-blue.....	.35	Chater's Prize. Double Mixed.....lb., \$14.00	.20	1.00	
Indigo Blue.....	.15	Single Black, Flesh, Pink, Red, White, Rose or Salmon .....	.25	1.40	
Dissitiflora. Rich blue, early.....	$\frac{1}{8}$ oz., 80c	Each of the above.....each	.25		
Palustris. True .....	$\frac{1}{8}$ oz., 50c	Fairy Queen .....	.15	.50	
Semperflorens .....	$\frac{1}{8}$ oz., 40c	Chater's Prize. Double Mixed.....lb., \$14.00	.20	1.00	
Fairy Queen .....	.25	Single Black, Flesh, Pink, Red, White, Rose or Salmon .....	.25	1.40	
Vaughan's Early and Late-Flowering.....	$\frac{1}{4}$ oz., 60c	Allegheny. Mammoth flowering, mixed.....			
Oblongata, Blue Bird, new. Pkt. 100 seeds, 60c	.25	.....lb., \$9.00	.15	.80	
Perfecta .....	$\frac{1}{4}$ oz., 50c	Everblooming Single Hybrids.....lb., \$6.00	.10	.50	
Hybrida. Star of Love. Very free-flowering...	.50	Double and Single Hybrids, mixed.....lb., \$9.00	.15	.80	
Ruth Fisher.....	.1-16 oz., \$1.00				

## SEEDS OF BIENNIALS AND HARDY PERENNIALS—Continued

	Trade pkt.	Oz.	Trade pkt.	Oz.
<b>Hyacinthus Candicans</b> . . . . .	\$0.10	.25	<b>Poppy.</b> See <i>Papaver</i> .	
<b>Iberis.</b> See Candytuft.			<b>Primula Japonica.</b> Special strain . . . . .	1/4 oz., 70c \$0.25
<b>Incarvillea Delavayii</b> (Hardy <i>Gloxinia</i> ) . . . . .	1/8 oz., 40c	.25	<i>Sieboldii</i> ( <i>Cortusoides amoena grandiflora</i> ) . . . . .	.50
<i>Grandiflora</i> . . . . .	1/8 oz., 40c	.25	<i>Veris</i> ( <i>Polyanthus</i> ). Fine mixed . . . . .	1/8 oz., 65c .35
<b>Inula Glandulosa</b> <i>Grandiflora</i> . Golden-orange . . . . .	.25	<i>Grandiflora</i> . An extra choice strain 1,000 seeds	.50	
<b>Iris Kaempferi</b> . . . . .	lb., \$4.00	.10	<i>Lutea Gigantea</i> . Yellow . . . . .	
<b>Isatis Glanca</b> . . . . .	.15	.60	<i>Vulgaris</i> ( <i>Acaulis</i> ). Yellow <i>Primrose</i> . . . . .	.35
<b>Lathyrus Latifolius</b> (Perennial Pea).			<b>Pueraria Thunbergiana</b> ( <i>Kudzu Vine</i> ) . . . . .	lb., \$4.00 .10 .40
White . . . . .	lb., \$8.00	.15	<b>Pyrethrum Roseum.</b> Single mixed . . . . .	.25 1.40
Red . . . . .	lb., \$8.00	.15	<i>Roseum Hybridum</i> <i>Grandiflorum</i> . . . . .	1/4 oz., 60c .35 2.00
Pink Beauty . . . . .	lb., \$8.00	.15	<i>Roseum Hybridum</i> . Double mixed . . . . .	1/8 oz., 85c .50
Mixed . . . . .	lb., \$7.00	.15	<i>Uliginosum</i> . Fall bloomer; tall, white; splendid	
White Pearl . . . . .	.35	.60	cut flower . . . . .	.25 1.60
<b>Lilium Regale.</b> 100 seeds, 65c; 1,000 seeds, \$5.00.			<b>Rehmannia Angulata.</b> Rose and red shades . . . . .	
<b>Linaria Cymbalaria</b> ( <i>Kenilworth Ivy</i> ). Pink . . . . .	.35	2.40	<b>Romneya Coulteri</b> ( <i>California Giant Poppy</i> ) . . . . .	.25 1.40
<b>Linum Perenne</b> ( <i>Perennial Flax</i> ). Blue, 2 feet . . . . .	.10	.40	<b>Rudbeckia Laciniata.</b> Yellow . . . . .	.15 .80
<i>Perenne fl. albo</i> . White . . . . .	.10	.40	<i>Newmannii</i> . Vivid yellow, a long bloomer . . . . .	.35 1.80
<i>Mixed</i> . . . . .	.10	.40	<i>Purpurea</i> ( <i>Echinacea</i> ) . . . . .	.35 1.60
<i>Flavum Yellow</i> . . . . .	.15	.80	<i>Grandiflora</i> . . . . .	1/4 oz., 80c .35 3.00
<b>Lobelia Cardinalis</b> ( <i>Cardinal Flower</i> ) . . . . .	1/8 oz., 40c	.25	<i>Fulgida</i> . Yellow . . . . .	.20 1.00
<b>Lunaria Biennis Alba</b> ( <i>Honesty or Peter's Pence</i> ) . . . . .	.15	.60	<i>Hirta</i> . Large flowered yellow . . . . .	.25 1.40
<i>Biennis Crimson</i> . . . . .	.10	.40	<b>Salvia Argentea.</b> ( <i>Silver-leaved Sage</i> ) . . . . .	.10 .40
<b>Lupinus Polyphyllus Roseus</b> . . . . .	.25	1.20	<i>Patens</i> . Sky-blue . . . . .	1/8 oz., \$1.20 .50 8.00
<i>Polyphyllus Albus</i> . White . . . . .	lb., \$3.00	.10	<i>Azurea Grandiflora</i> . . . . .	1/4 oz., 50c .25 1.60
<i>Atro-coeruleus</i> . Dark blue . . . . .	lb., \$3.00	.10	<b>Santolina Maritima.</b> Silvery white foliage . . . . .	
<i>Moerheimi</i> . Pink and white . . . . .	.25	1.00	<b>Saponaria Ocymoides Splendens.</b> Clouds of pink flowers . . . . .	.10 .40
<i>Mixed</i> . . . . .	lb., \$2.40	.10	<b>Scabiosa Caucasica.</b> Lavender . . . . .	1/4 oz., 85c .50 3.00
<i>Arboreus</i> ( <i>Snow Queen</i> ). White . . . . .	.25		<i>Caucasica Alba</i> . White . . . . .	1/4 oz., \$1.25 .50 4.40
<b>Lychnis Chalcedonica</b> ( <i>Lamp Flower</i> ). Scarlet . . . . .	.10	.40	<i>Japonica</i> . Lilac . . . . .	lb., \$5.00 .10 .40
<i>Chalcedonica Alba</i> . White . . . . .	.10	.40	<b>Silene (Orientalis).</b> Dark rose . . . . .	.10 .40
<i>Alpina</i> . Rose . . . . .	.50		<i>Schafta</i> . Purple . . . . .	1/4 oz., 50c .25
<i>Arkwrightii</i> . . . . .			<b>Stachys Lanata.</b> Silver leaves . . . . .	.10 .40
<i>Fulgens</i> . . . . .	1/8 oz., 40c	.25	<b>Statice Latifolia.</b> Blue . . . . .	.15 .60
<i>Flos Cuculi</i> . . . . .			<b>Stipa Pennata</b> ( <i>Feather Grass</i> ) . . . . .	.20 1.20
<i>Haageana</i> . Scarlet . . . . .	1/4 oz., 50c	.25	<b>Stokesia Cyanea</b> ( <i>Stokes' Aster</i> ). Blue . . . . .	lb., \$10.00 .15 .80
<i>Hybrids</i> . . . . .	.25	1.40	<i>Alba</i> . . . . .	.20 1.00
<i>Nana</i> . Dwarf . . . . .	.25	1.40	<i>Mixed</i> . . . . .	.20 1.00
<i>Sieboldi</i> . Large white flowers . . . . .	1/4 oz., 50c	.25	<b>Sweet William.</b> See <i>Dianthus Barbatus</i> .	
<i>Viscaria Splendens</i> . Rose . . . . .	.10	.50	<b>Thalictrum Aquilegifolium</b> ( <i>Meadow Rue</i> ) . . . . .	.25 1.60
<b>Lythrum Roseum Superbum</b> ( <i>Rose Loosestrife</i> ) . . . . .	.10	.50	<i>Adiantifolium</i> . . . . .	.10 .40
<b>Malva Moschata</b> . . . . .	.15	.60	<i>Dipterocarpum</i> . Rosy purple; new; very fine . . . . .	.50 3.00
<i>Moschata Alba</i> . . . . .	.15	.60	<b>Tritoma Uvaria</b> <i>Grandiflora</i> ( <i>Red Hot Poker Plant</i> ) . . . . .	.25 1.40
<b>Matricaria Capensis fl. pl.</b> White . . . . .	lb., \$5.00	.10	<i>Hybrida Mirabilis</i> , blooms the first year . . . . .	.25 1.40
<i>Capensis Alba Plenissima</i> . Best white . . . . .	.15	.60	<b>Uniola Latifolia.</b> A very decorative hardy grass, may be used with everlasting flowers in bouquets . . . . .	.15 .60
<i>Golden Ball</i> . Yellow . . . . .	.25		<b>Valeriana Alba</b> ( <i>Garden Heliotrope</i> ) . . . . .	.10 .50
<b>Myosotis.</b> See <i>Forget-Me-Not</i> .			<i>Rubra</i> ( <i>Coccinea</i> ) . . . . .	.10 .50
<b>Oenothera Fraseri.</b> Deep yellow . . . . .	.35	2.00	<b>Verbascum Olympicum.</b> Small golden yellow flowers . . . . .	.15 .80
<i>Macrocarpa</i> . Dwarf. Yellow . . . . .	.15	.80	<b>Veronica Spicata.</b> Dwarf blue . . . . .	.25 1.40
<i>Youngei</i> . Large yellow bloom . . . . .	.35		<i>Longifolia</i> . . . . .	.25 1.20
<b>Papaver</b> ( <i>Poppy Bracteatum</i> ). Scarlet . . . . .	lb., \$6.00	.10	<i>Perennial Species</i> . Mixed . . . . .	1/8 oz., 50c .35
<i>Nudicaule</i> ( <i>Iceland</i> ). Mixed . . . . .	.15	.80	<b>Viola Odorata Semperflorens.</b> Blue . . . . .	
<i>Yellow</i> , <i>Orange</i> and <i>White</i> , each . . . . .	.20	1.20	<i>Cornuta</i> , <i>Papilio</i> , Blue and white . . . . .	1/8 oz., 50c .35 3.00
<i>Oriental</i> ( <i>Oriental Poppy</i> ). Scarlet . . . . .	lb., \$9.00	.15	<i>Thuringia</i> . Dark blue with white eye . . . . .	.1/4 oz., \$1.00 .35
<i>Hybrids</i> . New varieties, mixed . . . . .	lb., \$11.00	.15	<i>Vaughan's Improved Scotch</i> . Blotted hybrids . . . . .	
<b>Pentstemon Gentianoides</b> <i>Grandiflora</i> . Large-flowering var. in splendid mixture, 1/8 oz., 50c . . . . .	.35		.1/8 oz., 60c .35	
<i>Pubescens</i> . Lilac . . . . .	.15	.80	<i>White Perfection</i> . . . . .	1/4 oz., 65c .35 2.40
<i>Pulchellus</i> <i>Hybridus</i> . . . . .	.15	.80	<i>Lutea Splendens</i> . Golden yellow . . . . .	1/4 oz., 65c .35 2.40
<i>Digitalis</i> . Flesh colored . . . . .	.15	.80	<i>Blue Perfection</i> . . . . .	1/4 oz., 65c .35 2.40
<b>Peony</b> , Double Chinese. Mixed . . . . .			<i>Mauve Queen</i> . . . . .	1/8 oz., 65c .35
<b>Phlox Decussata.</b> Perennial varieties mixed . . . . .	.35	2.00	<i>Admiration</i> . Large dark blue . . . . .	1/8 oz., 50c .35 3.00
<b>Physalis Franchetti</b> ( <i>Chinese Lantern Plant</i> ). Large orange balloon-shaped fruit-pods . . . . .	.15	.80	<i>Rosea</i> . . . . .	.35
<b>Physostegia Virginica</b> ( <i>Speciosa</i> ). Pink . . . . .	.20	1.00	<i>Mixed</i> . . . . .	.25 1.60
<i>Virginica Alba</i> . Fine cut-flower . . . . .	.25		<b>Wahlenbergia.</b> See <i>Platycodon</i> .	
<i>Gigantea New</i> . . . . .	.25		<b>Wallflower.</b> Double Tall Branching. Mixed . . . . .	.25 2.00
<b>Platycodon Mariesii</b> . Dwarf blue . . . . .	.25	1.40	Single mixed . . . . .	.10 .40
<i>Mariesii Alba</i> . . . . .	.35	2.00	<i>Parisian Forcing</i> . . . . .	.10 .50
<i>Grandiflorum</i> . Blue . . . . .	.20	1.20	<b>Wistaria Chinensis</b> . . . . .	lb., \$3.60 .10 .30
<i>Album</i> . . . . .	.25	1.40	<i>Chinensis Alba</i> . . . . .	.10 .40
<i>Mixed. Single</i> . . . . .	.20	1.00	<b>Yucca Filamentosa</b> ( <i>Adam's Needle</i> ) . . . . .	lb., \$4.00 .10 .40
<b>Polemonium Coeruleum</b> <i>Grandiflorum</i> . Blue . . . . .	.05	.25		
<i>Coeruleum Album</i> <i>Grandiflorum</i> . White . . . . .	.10	.30		
<b>Potentilla Formosa.</b> Cherry rose . . . . .	.25			
<i>Single mixed</i> . . . . .	.15	.80		
<i>Double mixed</i> . . . . .	.35	1.80		

# Vaughan's Wholesale Prices For Market Gardeners

## Asparagus Seed

	Oz.	1/4 lb.	Lb.
Conover's Colossal.....	.10	.20	.60
Palmetto.....	.10	.20	.60
Columbian Mammoth, White.....	.10	.25	.70
Early Giant Argenteuil.....	.10	.25	.75
Bonvallet's Giant.....	.15	.30	1.00
Washington Rust Proof (New).....	.35	1.00	3.50

## Asparagus Roots

	1-Year-Old	2-Year-Old	3-Year-Old
Bonvallet's Giant.....	100	1,000	100
Palmetto.....	\$1.50	\$10.00	\$2.00
Conover's Colossal.....	1.25	9.00	1.75
Columbian Mam'th, White.....	.....	1.75	12.00
Giant Argenteuil.....	.....	2.00	14.00
Barr's Mammoth.....	.....	2.00	14.00

## Artichoke

GREEN GLOBE.—Pkt., 10c, oz. \$1.25.

## Bush Beans—Green Pod

	2 lbs.	15 lbs.	100
	Qt.	Pk.	lbs.
Black Valentine.....	.50	\$2.75	\$18.00
Improved Early Red Valentine.....	.45	2.50	16.00
Longfellow.....	.40	2.25	14.00
Extra Early Refugee.....	.40	2.25	14.50
Early Round Pod Six Weeks.....	.40	2.25	14.50
Early Mohawk.....	.40	2.25	14.50
Refugee, 1000 to 1.....	.45	2.50	16.00
Early Yellow Six Weeks.....	.40	2.25	14.50
Stringless Green Pod.....	.45	2.65	17.00
White Marrow.....	.45	2.50	16.00
White Kidney.....	.45	2.50	15.00
Red Kidney.....	.40	2.25	14.50
Dwarf Horticultural.....	.50	2.75	18.00
English Broad Windsor.....	.65	3.50	23.00
Improved Navy.....	.30	1.40	9.00
Masterpiece (for forcing).....	.70	4.50	28.00
Bountiful Stringless.....	.40	2.25	14.50
Giant Stringless Green Pod.....	.45	2.50	16.00
Full Measure.....	.50	2.75	18.00
Stringless Refugee (1,000 to 1).....	.50	2.65	17.00

## Wax Beans

	.40	2.25	14.50
	.45	2.50	16.00
	.45	2.50	16.00
Violet Flageolet Wax.....	.50	2.75	18.00
Golden Eye Wax.....	.45	2.50	16.00
Hodson Wax.....	.45	2.50	16.00
Improved Golden Wax.....	.45	2.50	16.00
Pencil Pod Black Wax.....	.50	2.65	17.00
Prolific Black Wax.....	.45	2.50	18.00
Round Pod Kidney Wax.....	.50	2.75	18.00
Stringless Refugee Wax.....	.45	2.50	16.00
Wardwell's Kidney Wax.....	.50	2.65	17.00
Michigan White Wax.....	.50	2.65	17.00
Sure Crop Wax.....	.50	2.65	17.00
Webber Wax.....	.45	2.50	16.00
New Kidney Wax.....	.60	3.25	20.00

## Bush Lima Beans

	2 lbs.	14 lbs.	100
	Qt.	Pk.	lbs.
Henderson's Bush Lima.....	.45	2.40	16.00
Burpee's Bush Lima.....	.65	3.50	22.00
Dreer's Bush Lima.....	.70	4.00	24.00
New Wonder Bush Lima.....	.65	3.50	22.00
Fordhook Bush Lima.....	.70	4.00	24.00
Burpee's Improved Bush Lima.....	.70	4.00	24.00

## Pole Lima

	.65	3.50	22.00
	.65	3.50	22.00
	.50	3.00	20.00
Carpinteria.....	.50	3.15	21.00
Challenger or Dreer's Imp'd Lima.....	.50	3.00	20.00
Extra Early Jersey Lima.....	.50	3.15	21.00
Early Leviathan.....	.50	3.15	21.00
Ford's Mammoth Lima.....	.50	3.00	20.00
Ideal Pole Lima.....	.50	3.15	21.00
King of the Garden Lima.....	.50	3.00	21.00
Large Lima, Selected Seed.....	.50	3.00	20.00
Siebert's Early Lima.....	.50	3.00	20.00
Scarlet Runner, 2 lbs., 70c; pk. (12½ lbs.), \$3.75; 100 lbs., \$22.00.			

## Pole Beans—Green Pod

	2 lbs.	15 lbs.	100
	Qt.	Pk.	lbs.
Burger's Stringless.....	.60	3.25	21.00
Dutch Case Knife.....	.50	3.00	20.00
Horticultural Cranberry.....	.50	3.00	20.00
Kentucky Wonder or Old Homestead.....	.50	2.85	19.00
Lazy Wife.....	.60	3.25	21.00
White Creaseback.....	.50	3.00	20.00

## Wax Pod

	.70	4.25	26.50
	.70	4.00	24.00
Early Golden Cluster Wax.....	.70	4.25	26.50
Kentucky Wonder Wax.....	.70	4.00	24.00

## Broccoli

	Oz.	1/4 lb.	Lb.
Purple Cape.....	.40	\$1.25	\$4.50
White Mammoth.....	.35	1.15	4.00

## Brussels Sprouts

	.15	.50	1.75
Paris Market.....	.15	.50	1.75
Improved Dwarf.....	.15	.50	1.75
Improved Danish.....	.25	.75	2.50

## Beet

	1/4 lb.	Lb.
Crosby's Egyptian	Vaughan's Selected Stock	.40
	Standard Stock	.20
Detroit Dark Red	Vaughan's Selected Stock	.30
	Standard Stock	.25
Crimson Globe.....	.....	.75
Arlington.....	.....	.75
Improved Early Egyptian	.....	.75
Eclipse Extra Select Stock.....	.....	.75
Vaughan's Chicago Market.....	.....	1.25
Dewing's Early Blood Turnip, Select.....	.....	.75
Half Long Blood, Very Deep Red.....	.....	.75
Long Smooth Dark Blood.....	.....	.75
Edmund's Turnip, Select Stock.....	.....	.75
Electric, true. Early as Egyptian, round, rich red.....	.....	.75
Vaughan's Fireball.....	oz. 15c.	1.25
MANGEL—Vaughn's Mammoth Long Red.....	.....	.50
Champion Yellow Globe.....	.....	.50
Golden Tankard.....	.....	.50
Giant Yellow Intermediate.....	.....	.50
Giant Yellow Eckendorf.....	.....	.50
Giant Half Sugar Rose.....	.....	.50
Barres Slidstrup. Danish Crown.....	.....	.50
SUGAR BEETS—Vilmorin's Imperial.....	.....	.50
French Red Top.....	.....	.45
Lane's Improved.....	.....	.45
Klein's Wanzeleben.....	.....	.50

**Cabbage** Strictly Long Island Grown and Selected the Vaughan Way

## Early Oblong Varieties

	Oz.	2-oz.	1/4 lb.	Lb.
Early Jersey Wakefield.....	.25	.45	.85	3.00
Extra Early Express.....	.25	.40	.75	2.50
Extra Early Etampes.....	.25	.40	.75	2.50
Early Winnigstadt.....	.20	.35	.65	2.25
Early York.....	.20	.35	.60	2.00
Charleston Wakefield.....	.25	.45	.85	3.00

## Early Flat and Round Varieties

	1.00	.65	1.15	4.00
Copenhagen Market.....	.....	.....	.....	.....
Copenhagen Market Extra Early Selections.....	.....	.....	.....	.....
Early Spring.....	.25	.40	.75	2.50
New York Early Summer.....	.25	.40	.75	2.50
Early Flat Dutch.....	.20	.35	.65	2.25
Succession.....	.25	.40	.75	2.50
Vaughan's All Seasons.....	.25	.40	.75	2.50
Glory of Enkhausen.....	.25	.40	.75	2.50
Early All Head or Faultless.....	.25	.40	.75	2.50
All Season's Disease Resistant.....	.40	.75	1.40	5.00

## Main Crop Sorts

	.20	.35	.65	1.00
Fottler's Improved Brunswick.....	.20	.35	.65	2.25
Vaughan's Premium Flat Dutch.....	.20	.35	.65	2.25
Improved Stone Mason.....	.20	.35	.65	2.25
Chineseor Celery Cabbage Vaughan Strain.....	.40	.75	1.40	5.00
Bridgeport Drumhead.....	.20	.35	.65	2.25
Large Late American Drumhead.....	.20	.35	.65	2.25
Marblehead Mammoth.....	.20	.35	.65	2.25
Surehead.....	.25	.40	.75	2.50
Danish Ballhead (Tall).....	.25	.40	.75	2.50
Hollander Disease Resisting Danish Ballhead, Wisconsin No. 8.....	.35	.50	1.50	16.00
Danish Ballhead (Dwarf Amager).....	.25	.40	.75	2.50
Danish Summer Ballhead.....	.25	.40	.75	2.50
Dutch Winter or Hollander.....	.25	.40	.75	2.50
Dutch Winter or Hollander Stock Seed.....	.35	.65	1.15	4.00
Buchner's Original Seed.....	1.50	3.00	6.00	20.00
Buchner's Strain.....	.65	1.25	2.50	8.00
SAVOY CABBAGE—All Head.....	.25	.45	.85	3.00
Improved American.....	.25	.45	.85	3.00
Iron Head.....	.25	.45	.85	3.00
Marvin's.....	.25	.45	.85	3.00
Small Early Ulm.....	.25	.45	.85	3.00
RED CABBAGE—Black Diamond.....	.35	.65	1.15	4.00
Early Red Dark Erfurt.....	.30	.55	1.00	3.50
Dark Red Dutch.....	.30	.55	1.00	3.50
Mammoth Rock Red.....	.30	.55	1.00	3.50
Red Drumhead.....	.30	.55	1.00	3.50
Zenith Red.....	.35	.65	1.15	4.00
Danish Red Stonehead (New).....	.40	.75	1.25	4.50
Haco (New). Earliest of all Reds.....	.75	1.50	2.75	10.00

## Carrot

	Oz.	1/4 lb.	Lb.
Danvers Half Long. Vaughan's Selected Stock.....	.15	.45	1.50
Danvers Half Long, Standard Stock.....	.10	.20	.60
Chantenay. The best for early bunching.....	.10	.20	.60
In. Long.			
2. Very Early Scarlet Forcing (French Horn).....	.10	.30	1.00
4. Early Short Scarlet (Dutch Horn).....	.10	.25	.80
5. Guerande or Oxheart.....	.10	.20	.65
6. Nantes Half Long Scarlet, Stump-rooted.....	.10	.25	.75
14. Improved Long Orange.....	.10	.20	.65
10. Mastodon or White Intermediate.....	.10	.20	.65
16. Long White Belgian, green top.....	.10	.20	.65
16. Long Orange Belgian.....	.10	.20	.65

## Useful Vegetables

Chervil. Double curled.....	.15	.45	1.50
Chicory, Magdeburg. Large Rooted.....	.15	.45	1.50
Chicory, Witloof or French Endive.....	.25	.75	2.50
Corn Salad. Round leaved, large seeded.....	.15	.35	1.25
Cress. Curled or Pepper Grass.....	.10	.20	.60
Cress. Water Cress.....	.35	.10	

**Cauliflower****Vaughan's New Snowball**

**One of our Specialties.** We know our strain is the equal of any that can be produced. We have tried nearly every other on the market and we have never yet come across anything superior to Vaughan's New Snowball. It is the result of years of careful selection by a most capable and painstaking gardener who grows the seed especially for us on the island of Amager, near Copenhagen, Denmark, where growing conditions are ideal for the production of perfect seed heads. Vaughan's New Snowball is the best general purpose variety for either spring or fall planting. Heads are usually 9 to 10 inches across perfectly white, solid, deep and compact.

Pkt., 25c;  $\frac{1}{4}$  oz., 60c;  $\frac{1}{2}$  oz., \$1.10; oz., \$2.00;  $\frac{1}{4}$  lb., \$7.50; lb., \$30.00.

**Vaughan's Earliest Dwarf Erfurt**

Combines all pedigree points—earliness, purity of color, dwarf habit and fine grain. A profitable market garden sort.

Pkt., 20c;  $\frac{1}{4}$  oz., 55c;  $\frac{1}{2}$  oz., \$1.00; oz., \$1.85;  $\frac{1}{4}$  lb., \$7.00; lb., \$28.00.

**Dry Weather**

For dry climate and dry seasons. Very sure heading and second early. Heads larger than Snowball and snow white.

Pkt., 25c;  $\frac{1}{4}$  oz., 60c;  $\frac{1}{2}$  oz., \$1.10; oz., \$2.00;  $\frac{1}{4}$  lb., \$7.50; lb., \$30.00.

**Danish Snowball**

This is a grand second early. It is the result of long, careful selection, and uniformly produces even, regular heads. Through many seasons it has proven itself reliable. Pkt., 10c;  $\frac{1}{4}$  oz., 40c; oz., \$1.40;  $\frac{1}{4}$  lb., \$5.00; lb., \$20.00.

	Oz.	$\frac{1}{4}$ lb.	Lb.
Extra Early Paris.	\$0.70	\$2.25	\$8.50
Half Early Paris. A standard sort.	.65	2.15	8.00
Large Late Algiers.	.60	2.00	7.50
Lenormand's Short Stem.	.60	2.00	7.50
Autumn Giant. Very large and productive.	.40	1.40	5.00
Extra Early or Second Erfurt, Pkt., 10c; $\frac{1}{4}$ oz., 40c.	1.40	5.00	20.00
Large Early Erfurt.	.40	1.40	5.00

**Celery**

Giant Pascal. Easy-blanching and a fine keeper.	.25	.85	3.00
Chicago Giant Self-Blanching. Largest early white.	.25	.85	3.00
Dwarf Golden Heart. An old favorite; large and solid.	.20	.60	2.00
Rose Ribbed Golden Self-Blanching. Fine.	.35	1.15	4.00
Evans' Triumph. A large, solid Winter sort.	.20	.60	2.00
Perfection Heartwell. Very large and solid, excellent.	.20	.60	2.00
Solid Ivory or Kalamazoo. Half dwarf, white, late.	.20	.60	2.00
Crawford's Half Dwarf. Solid yellowish-white, fine.	.20	.60	2.00
French Success. A fine keeping late white.	.35	1.15	4.00
Boston Market. Very dwarf and white.	.20	.60	2.00
Perle le Grand. A fine winter, golden-hearted sort.	.20	.60	2.00
Far Superior Many Heart. Late, popular around Philadelphia.	.20	.60	2.00
Schumacher. Golden-yellow heart, immense size.	.20	.60	2.00
Giant White Solid. Solid and late. Tall, large, white.	.20	.60	2.00
Soup Celery or Smallage. Green, for soups.	.15	.35	1.25
Easy Blanching (New).	.35	1.15	4.00
Columbia New Dwarf.	.35	1.15	4.00
Emperor Splendid Quality Dwarf.	.65	2.25	8.00
White Plum. Vaughan's Selected Stock.	.25	.85	3.00
White Plume. Standard Stock.	.20	.60	2.00
Golden Self-Blanching. Vaughan's Selected Stock.	.50	1.75	6.00
Golden Self-Blanching. American.	.35	1.15	4.00
Vaughan's Giant Golden Heart.	.20	.60	2.00
Winter Queen.	.20	.60	2.00
Turnip-Rooted Celery, Large Erfurt.	.30	1.00	3.50
Large Smooth Prague, Large Erfurt.	.40	1.25	4.00
Delicatesse. Pkt. 10c; 2 for 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.50.			
Old Celery Seed. For flavoring.	.10	.20	.60

**Sweet Corn**

	2 lbs.	10 lbs.	100 lbs.
Early Iowa. The earliest large corn.	\$0.35	\$1.45	\$13.00
Malakoff. The earliest of all.	.40	1.55	14.00
Golden Bantam. Yellow, very sweet.	.35	1.40	12.00
Premo. One of the earliest sweet.	.35	1.40	12.00
Adams. Extra early, not sweet but early.	.30	1.20	10.00
Adams Early. A little later than preceding.	.30	1.10	9.00
Early Cory, or First of All. Very early.	.35	1.40	12.00
Early Minnesota. Nearly as early as Cory.	.35	1.40	12.00
Early Crosby. Of very best quality.	.35	1.45	13.00
Perry's Hybrid. Large and early.	.35	1.40	12.00
Metropolitan. Large and early and productive.	.35	1.45	13.00
Vaughan's Mammoth White Cory.	.35	1.40	12.00
Early Champion Improved.	.35	1.40	12.00
Early Mammoth. Earlier than late Mammoth.	.35	1.40	12.00
Moore's Early Concord. Still hard to beat.	.35	1.45	13.00
Early Evergreen. Second early large corn.	.35	1.40	12.00
Black Mexican. Fine for home use.	.35	1.45	13.00
Hickox. Improved. A splendid canning sort.	.35	1.40	12.00
White Evergreen. Excellent for main crop.	.35	1.40	12.00
Late Mammoth. The largest of all, very sweet.	.35	1.45	13.00
Sweet Fodder. Write for prices on large lots.	.30	1.20	10.00
Stowell's Evergreen. Western grown.	.30	1.35	11.50
Stowell's Evergreen. Eastern grown.	.35	1.40	12.50
Country Gentleman.	.35	1.45	13.00
Bantam Evergreen, Vaughan's.	.40	1.70	15.00
Howling Mob.	.35	1.40	12.00
Early Mayflower.	.35	1.45	13.00
Narrow-Grained Evergreen.	.35	1.40	12.00

**Cucumbers**

	Oz.	$\frac{1}{4}$ lb.	Lb.
Evergreen, or Extra Long White Spine.	\$0.15	\$0.40	\$1.25
Davis Perfect.	.15	.45	1.50
Vaughan's Improved Arlington.	.15	.40	1.25
Improved White Spine.	.15	.35	1.10
Early Cyclone.	.15	.35	1.10
Boston Forcing White Spine (Vaughan's).	.15	.35	1.10
Fordhook Famous.	.15	.40	1.25
Rockyford.	.15	.35	1.10
New Century. A long, thick strain of White Spine.	.15	.35	1.10
Improved Long Green.	.15	.45	1.50
Cool and Crisp.	.15	.35	1.10

**Cucumbers—Continued**

	Oz.	$\frac{1}{4}$ lb.	Lb.
Earliest of All White Spine New.		\$0.15	\$0.45
Emerald.		.15	.45
Early Cluster.		.15	.35
Japanese Climbing.		.15	.50
Westerfield's Chicago Pickle. One of our specialties.		.15	.35
Snow's Fancy Pickling.		.15	.35
Vaughan's XXX Pickling.		.15	.35
Nichols' Medium Green.		.15	.35
Improved Jersey Pickling. A popular pickle.		.15	.35
Cumberland Pickle. A white spine sort.		.15	.35
Extra Early Green Prolific or Boston Pickling.		.15	.35
Fordhook Pickling. Medium size, very prolific.		.15	.35
Green Prolific or Boston Pickling.		.15	.35
Early Frame.		.15	.35
West India Gherken.		.15	.50
Early Fortune.		.15	.45
The Vaughan. Finest of all for forcing or outdoors.	Pkt. 10c	.35	1.10

**Dandelion**

Thick Leaved or Cabbaging. Crop very short. Pkt., 10c; oz., 50c.

**Egg Plant**

	Oz.	$\frac{1}{4}$ lb.	Lb.
Very Early Dwarf. Purple.	\$0.35	\$1.15	\$4.00
Black Pekin. Very early.	.40	1.25	4.50
Black Beauty.	.50	1.75	6.00

Vaughan's Improved N. Y. Purple.

**Endive**

Green Curled Summer.	.15	.30	1.00
Green Curled Winter.	.15	.30	1.00
Moss, Very Fine Curled.	.15	.30	1.00
Broad-leaved White.	.15	.30	1.00
Ever White Curled.	.15	.30	1.00
Giant Fringed.	.15	.40	1.25

**Garlic** Selected Bavarian, lb., 20c.

Write for prices on larger lots.

**Herbs**

Some very short.

Write for pound prices.

	Oz.	Lb.	Oz.
Anise.	\$0.25	Dill.	Lb., \$0.75
Balm.	.35	Fennel, Sweet.	Lb., .15
Bene.	.30	Fennel, Florence.	Lb., 1.75
Borage.	.15	Horehound.	.20
Caraway.	.10	Hyssop.	.30
Catnip or Catmint.	.50	Lavender Spica.	.40
Peppermint.	Pkt. 15c	Lavender True.	.60
Pennyroyal.	$\frac{1}{2}$ oz., 40c	Summer Savory.	.25
Pimpinella.	.25	Sweet Basil.	.20
Rosemary.	Pkt., 10c	Sweet Marjoram.	.40
Sage.	.50	Tarragon Plants, doz., \$1.50;	
Sage Plants, Holt's Mammoth.	100 for \$10.00.		
Chives.	.75	Thyme.	.60
Coriander.	.10	Wormwood.	.25

**Kale or Borecole**

	Oz.	$\frac{1}{4}$ lb.	Lb.
Dwarf Green Curled.	\$0.15	\$0.30	\$1.00
Tall Green Scotch.	.15	.30	1.00
Siberian.	.15	.30	1.00

Vaughan's Excelsior Moss Curled. Best of all.

**Kohlrabi**

Short-leaved Early Erfurt.	.30	.85	3.00
Early White Vienna.	.25	.75	2.75
Early Purple Vienna.	.25	.75	2.75

**Leek**

Broad Scotch or London Flag.	.25	.70	2.50
Large Musselburg.	.25	.70	2.50
Rouen, Large Winter.	.25	.70	2.50
Bulgarian Winter.	Pkt., 10c	.35	...
Mezieres, Long Winter.	Pkt., 10c	.30	...

**Lettuce**

	Leaf Varieties		
Black-Seeded Simpson, Vaughan's Selected Stock.	.15	.40	1.25
Black-Seeded Simpson, Standard Stock.	.10	.30	1.00
Grand Rapids Forcing, Vaughan's Extra Selected Stock.	.15	.45	1.50
Grand Rapids Forcing, Standard Stock.	.15	.40	1.25
Early Curled Silesia.	.10	.30	1.00
Early Curled Simpson.	.10	.30	1.00
The Morse.	.15	.40	1.25
Tilton's White Star.	.10	.30	1.00

**Cabbage and Head Varieties**

Vaughan's All Seasons.	.15	.40	1.25
King May. Very early.	.15	.40	1.25
Golden Queen.	.15	.50	1.75
Big Boston, Vaughan's Selected Stock.	.15	.40	1.25
Big Boston, Black Seeded.	.15	.40	1.25
Black Seeded Tennis Ball.	.10	.30	1.00
Blonde Beauty.	.10	.30	1.00
Brown Dutch Cabbage.	.10	.30	1.00
Buttercup.	.10	.30	1.00
Cabbage Head.	.25	.70	2.50
California Cream Butter.	.10	.30	1.00
The Deacon. Heads large and solid.	.15	.40	1.25
Denver Market Forcing.	.15	.40	1.25
Iceberg.	.15	.40	1.25
Imp. Hanson. Very large firm heads.	.15	.40	1.25
Mammoth Black Seeded Butter.	.15	.40	1.25
Maximum or Immensity.	.15	.40	1.25
Mignonette.	.15	.40	1.25
New York or Wonderful.	.25	.75	2.50
Perpignan or Summer Defiance.	.10	.30	1.00
Prizehead.	.10	.30	1.00

Lettuce—ContinuedCabbage and Head Varieties

	Oz.	$\frac{1}{4}$ lb.	Lb.
St. Louis Butterhead. Very fancy strain.	\$0.10	\$0.30	\$1.00
Salamander.	.10	.30	1.00
Tenderheart.	.15	.40	1.25
Unrivalled.	.15	.45	1.25
Wayahead.	.15	.40	1.25
White Summer Cabbage.	.10	.30	1.00
Tennis Ball White Seed (Boston Mkt.)	.10	.30	1.00
Paris White Cos.	.15	.40	1.25
Express Cos.	.15	.40	1.25
Trianon Cos.	.15	.40	1.25

Muskmelon

	.20	.60	2.00
Vaughan's Improved Milwaukee.	.20	.60	2.00
Extra Early Osage. (Vaughan's Selected.)	.20	.60	2.00
Hoodoo. Introducer's Strain.	.20	.60	2.00
Standard Stock.	.15	.40	1.25
Paul Rose. (Petoskey) Vaughan's Selected Stock.	.20	.60	2.00
Standard stock.	.15	.40	1.25
Osage, Vaughan's Original Stock.	.20	.65	2.25
Standard Stock.	.15	.40	1.25
Chicago Market Nutmeg. (Vaughan's)	.15	.40	1.25
Netted Gem. Round, choice stock.	.10	.30	1.00
Oval, choice stock.	.10	.30	1.00
Rocky Ford, Standard.	.10	.30	1.00
Vaughan's Selected Stock.	.15	.50	1.75
Emerald Gem. One of the sweetest.	.15	.40	1.40
Tip Top. A very fine market melon.	.15	.45	1.50
Extra Early Nutmeg.	.10	.30	1.00
Champion Market.	.10	.40	1.25
Osage Gem.	.10	.40	1.25
Landreth's Early Citron.	.10	.30	1.00
Improved Jenny Lind.	.10	.30	1.00
Hackensack.	.10	.30	1.00
Extra Early Hackensack. Best strain.	.10	.30	1.00
Montreal Market Nutmeg. Very large.	.15	.40	1.25
Banana.	.15	.40	1.25
Honey Dew (New).	.15	.45	1.50
Mango Melon or Vegetable Orange (Vine Peach).	.15	.45	1.50
Pollock-10-25.	.20	.50	1.50

Martynia

For Pickles.	.35	.....	.....
The young seed pods make fancy pickles.			

Mustard

White London.	.10	.20	.50
Brown.	.10	.25	.70
Chinese, or Giant Southern Curled.	.10	.30	.80
Fordhook Fancy.	.10	.30	.80

Watermelon

Citron. Red Seeded.	.10	.25	.75
Colorado Citron.	.10	.25	.75
Cuban Queen.	.10	.20	.60
Florida Favorite.	.10	.20	.60
Early Fordhook.	.10	.20	.60
Halbert Honey.	.10	.25	.75
Rattlesnake.	.10	.20	.60
Gray Monarch.	.10	.20	.60
Iceberg.	.10	.20	.60
Peerless or Ice Cream.	.10	.20	.60
Phinney's Improved.	.10	.20	.60
Mountain Sweet.	.10	.20	.60
McIver's Sugar.	.10	.20	.60
Alabama Sweets.	.10	.25	.75
Kleckley Sweets.	.10	.25	.75
Vaughan's Black Diamond.	.10	.20	.60
Sweetheart.	.10	.20	.60
Improved Kolb's Gem.	.10	.20	.60
Triumph.	.10	.20	.60
Winter Watermelon.	.20	.50	1.50
New Chilian.	.15	.35	1.00
Tom Watson.	.10	.25	.75
Cole's Early.	.10	.20	.65
Irish Grey.	.15	.35	1.00

Mushroom Spawn

Lambert's New Spore Culture Spawn. Made by an entirely new process. More vigorous and more productive than tissue spawn. Produces mushrooms of greater uniformity and truer to type.

Lambert's Pure Culture Tissue Spawn.

7. Brown (Bohemia) hardy, good producer, very heavy.

8. Cream-White, Mammoth Strain.

9. White (Alaska) Mammoth Strain.

Price: (Bricks weigh  $\frac{1}{4}$  lbs.) Brick 35¢; 5 bricks, \$1.50; 10 bricks, \$2.50; 25 bricks, \$5.50; 100 bricks, \$19.00; Can be supplied in same varieties as direct bricks; viz.: No. 7, No. 8 and No. 9.

Lambert's New Process Bottle Spawn. Write for circular and prices.

Vaughan's English Mushroom Spawn.

Price: (weight per brick,  $\frac{1}{4}$  lbs.), brick, 25¢; 2 bricks, 40¢; 8 bricks, \$1.50; 25 lbs., \$2.65; 100 lbs., \$10.00; if from New York \$9.50 per 100 lbs. Special prices on  $\frac{1}{2}$  ton lots and up.

Okra

White Velvet, Dwarf, Tall or Perkins' Mammoth	Oz.	$\frac{1}{4}$ lb.	Lb.
Prices of all the above.	\$0.10	\$0.20	\$0.50

Onion

	Oz.	$\frac{1}{4}$ lb.	Lb.
Large Red Wethersfield.	\$0.15	\$0.40	\$1.25
Southport Large Red Globe, California grown.	.15	.40	1.35
Southport Red Globe, Eastern grown.	.20	.60	2.00
Southport Yellow Globe, California grown.	.15	.40	1.25
Southport Yellow Globe, Eastern grown.	.20	.60	2.00

Onion—Continued

	Oz.	$\frac{1}{4}$ lb.	Lb.
Ideal White Globe, California grown.	.20	.60	2.00
Ideal White Globe, Eastern grown.	.35	1.15	4.00
Ailsa Craig.	.30	1.00	3.50
Australian Brown Flat.	.10	.25	.75
Globe Shaped.	.15	.40	1.25
Ideal Yellow Globe.	.15	.45	1.40
Extra Early Flat Red.	.15	.40	1.25
Early Flat Yellow Danvers.	.10	.25	.75
Giant Gibraltar.	.20	.60	2.00
Mammoth Silver King.	.20	.60	2.00
Ohio Yellow Globe, Eastern grown.	.20	.60	2.00
Ohio Yellow Globe, California grown.	.15	.40	1.25
Ohio Red Globe.	.20	.60	2.00
Prizetaker, Vaughan's Selected.	.15	.40	1.25
Vaughan's "Apple-shaped" Red Globe.	.20	.60	2.00
Vaughan's Pickling.	.20	.60	1.85
White Barletta.	.20	.60	1.85
White Queen.	.20	.60	1.85
White Portugal or Silver Skin.	.20	.50	1.75
Early White Welsh.	.25	.75	2.50
Yellow Globe Danvers.	.15	.35	1.15
Fancy Yellow Globe Danvers.	.15	.40	1.25
Yellow Strassburg or Yellow Dutch.	.10	.25	.75
Philadelphia Silverskin.	.20	.50	1.75
Vaughan's Special Yellow Globe (Early).	.20	.60	2.00

10-lb. lots at 10c per lb. less than single lb. price.

Onion Sets

Onion sets are subject to market changes, and while we shall try to maintain these prices, we cannot guarantee them to last throughout the season and advise early orders.

	$\frac{1}{2}$ Pk.	Pk.	Bu.	
White Bottoms. Bushel, 32 lbs.	\$0.60	\$1.00	\$3.50	
Yellow Bottoms. Bushel, 32 lbs.	.50	.85	3.00	
Red Bottoms. Bushel, 32 lbs.	.50	.85	3.00	
Red Summer Top Sets.	Planted for both "Green Onions" and large bulbs. Bushel 28 lbs.	.75	1.35	5.50
Egyptian, or Red Perennial Winter Onion Sets.	For "Green Onions." Perfectly hardy. Do not form large onions. Bushel, 28 lbs.	.55	1.00	3.50
Shallots or Yellow Multipliers.	For green and large onions. Bushel, 32 lbs.	.70	1.25	4.50
Yellow Potato Onions.	Make very early large onions.	.70	1.25	4.50
White Multipliers.	A very productive onion for "Green Onions," earlier than bottom sets.	.75	1.35	5.00

Peas

	2 lbs.	Pk.	100 lbs.
Alaska.	\$0.35	\$2.25	\$13.00
Alderman.	.50	3.00	20.00
McLean's Advancer.	.35	2.25	14.00
American Wonder.	.45	2.75	18.00
Ameer.	.40	2.40	15.00
Black Eyed Marrowfat.	.30	2.00	12.00
Champion of England.	.45	2.75	18.00
Dwarf Defiance.	.45	2.75	18.00
Dwarf Gray Sugar.	.60	3.25	22.00
Dwarf Telephone or Daisy (ex. choice).	.50	3.00	20.00
Extra Early Prem. Gem, or Little Gem.	.45	2.50	16.00
Everbearing.	.40	2.40	15.00
First and Best.	.40	2.35	14.50
Gradus, Vaughan's re-selected.	.50	3.00	20.00
Late Gradus.	.50	3.00	20.00
Pioneer.	.50	3.00	20.00
Admiral Dewey.	.50	3.00	20.00
Prince Edward.	.50	3.00	20.00
Marchioness.	.60	3.25	22.00
Heroine. One of the best Second Earlies.	.45	2.75	18.00
Horsford's Market Garden.	.40	2.35	14.00
Juno or Dwarf Champion.	.45	2.75	18.00
Laxtonian.	.50	3.00	20.00
Laxton's Superb (New).	.50	3.00	20.00
Little Marvel.	.45	2.75	18.00
Long Island Mammoth.	.50	3.00	19.00
Maud S., true stock.	.40	2.35	14.50
Mammoth Podded Sugar.	.50	3.00	20.00
Nott's Excelsior. One of the best earlies.	.45	2.75	18.00
Quite Content.	.60	3.25	22.00
Improved Stratagem.	.45	2.75	18.00
Surprise. Fine extra early.	.45	2.75	18.00
Sutton's Excelsior.	.45	2.75	18.00
Telephone. Standard.	.50	3.00	20.00
Telephone. Vaughan's Improved.	.50	3.00	20.00
Thomas Laxton.	.50	3.00	20.00
Vaughan's Sweet Market.	.45	2.75	18.00
Vaughan's Top O' the Morn. Large podded dwarf.	.60	3.25	22.00
White Marrowfat. Large.	.30	2.00	12.00
Yorkshire Hero.	.45	2.50	16.00
Canada Field.	.25	1.35	8.00

Parsley

	Oz.	$\frac{1}{4}$ lb.	Lb.
Vaughan's Champion Moss Curled.	\$0.10	\$0.25	\$0.70
Double Curled.	.10	.25	.70
Fern Leaved.	.10	.25	.75
Plain.	.10	.20	.65
Hamburg Rooted.	.10	.25	.80
Vaughan's XXX.	.15	.30	.85

Parsnip

	Oz.	$\frac{1}{4}$ lb.	Lb.
Long Smooth, Hollow Crown.	.10	.20	.60
Improved Guernsey.	.10	.20	.60
Magnum Bonum.	.10	.20	.60
Vaughan's Marrowfat.	.10	.25	.75
Vaughan's Intermediate.	.10	.25	.75

**Pepper** All 10c per Pkt.

	1/2 oz.	Oz.	1/4 lb.
Vaughan's Magnum Dulce, Largest.	\$0.40	\$0.70	\$2.15
Vaughan's Sweet Mountain.	.30	.50	1.50
Large Bell or Bullnose.	.30	.50	1.50
Neapolitan.	.30	.55	1.60
Cayenne, Long Red.	.30	.50	1.50
Chinese Giant.	.35	.65	1.85
Crimson Giant (New).	.35	.60	1.75
Golden Dawn.	.30	.50	1.50
Elephant's Trunk.	.30	.50	1.50
Mammoth Golden Queen.	.30	.50	1.50
Red Cherry.	.30	.50	1.50
Red Cluster.	.30	.50	1.50
Red Chili.	.30	.50	1.50
Ruby King.	.30	.50	1.50
Sweet Spanish Monstrous.	.30	.55	1.60
New Sweet Upright Salad.	.35	.65	1.85
Cayenne Pickling.	.30	.55	1.60
Pimento.	.30	.50	1.50
Tabasco.	.30	.55	1.60
New Sharp Finger.	.40	.65	2.00

**Sweet Potatoes**

	10 lbs. Boxed	50 lbs Boxed	100 lbs. Boxed
Yellow }      Prices Subject to Change	\$1.10	\$3.75	\$7.00
Reds }	1.25	4.00	7.50

**Seed Potatoes—Northern Grown**

	Pk.	Bu.	Prices Subject to Change. 500-lb. lots
Nebraska. (Certified) Fine, late.	\$0.65	\$2.25	100 lbs. per 100 lbs.
Green Mountain (Certified).	.65	2.25	.50 \$3.25
Acme.	.65	2.25	.50 3.25
Carman No. 3. Late.	.60	2.00	3.25 3.00
Irish Cobbler. Good early.	.65	2.25	3.50 3.25
Vaughan's Improved Early Ohio. Fancy.	.65	2.25	3.50 3.25
Rural New Yorker No. 2. Late.	.60	2.00	3.25 3.00
Sir Walter Raleigh. Late. (Certified)..	.65	2.25	3.50 3.25
Woodbury's White Rose.	.75	2.50	4.00 3.50
Red Triumph.	.75	2.50	4.00 3.50
Russet Rural or Petoskey. (Certified)..	.65	2.25	3.50 3.25
F.O.B. Chicago. F.O.B. N. Y. add 55c per 100 lbs. 500 lb. lots at 50c per 100 lbs. less			

**Rhubarb**

	Oz.	1/4 lb.	Lb.
Linnaeus.	.05	.15	\$0.45
Vaughan's Mammoth.	.15	.45	1.40

Roots. 1 year, per 100, \$4.00; 2 year, per 100, \$7.50; 3 year, per 100, \$25.00.

**Pumpkin**

	Oz.	1/4 lb.	Lb.
Winter Queen, or Winter Luxury.	.05	.15	\$1.25
Vaughan's Mammoth Prize.	.15	.45	1.50
Calhoun.	.15	.40	1.25
Golden Oblong.	.15	.40	1.25
Japanese Pie.	.15	.45	1.40
Large Cheese.	.10	.25	.75
Large Connecticut Field or Big Tom.	.10	.30	.90
Large Tours or Mammoth French.	.15	.40	1.25
Quaker Pie.	.15	.45	1.40
Small Sugar.	.10	.30	1.00
Sweet Potato.	.15	.45	1.40
Cushaw, White.	.15	.45	1.40
Cushaw, Striped.	.15	.45	1.50
Vaughan's Sugar Pie.	.10	.30	1.00

**Radish**

Cincinnati Market. Long Scarlet.	.10	.20	.60
Crimson Giant Forcing.	.10	.25	.75
Earliest Carmine Turnip, Vaughan's.	.10	.30	.90
Early Scarlet Turnip, White Tip Forcing.	.10	.30	1.00
Earliest White Olive.	.10	.30	1.00
Earliest White Turnip (White Box).	.10	.30	.90
Improved Early Scarlet Globe, Vaughan's Select.	.10	.30	1.00
Early Scarlet Globe, American.	.10	.25	.75
Early Deep Scarlet Turnip.	.10	.25	.70
Early Scarlet Globe, White Tip.	.10	.25	.75
Early Long Scarlet Short Top.	.10	.20	.60
White Stuttgart.	.10	.20	.60
French Breakfast.	.10	.20	.60
Improved Breakfast.	.10	.30	1.00
Vaughan's Giant Butter Radish (New).	.10	.30	1.00
Golden Yellow Summer.	.10	.20	.60
Half Long Deep Scarlet.	.10	.20	.60
Improved Chartier.	.10	.20	.60
Brightest Long Scarlet (Cardinal).	.10	.20	.60
White Straßburg.	.10	.20	.60
Long White Vienna.	.10	.20	.60
Non Plus Ultra.	.10	.25	.75
Vaughan's 20-Day Forcing. Early. Olive-shape.	.10	.30	1.00
Oval Deep Scarlet.	.10	.25	.75
Scarlet Turnip, White Tip (Sparkler).	.10	.20	.60
Scarlet Turnip White Tip (American).	.10	.20	.50
Triumph, scarlet and white.	.10	.25	.75
Vaughan's Market (Long White).	.10	.20	.60
Vaughan's Cardinal Forcing.	.10	.30	1.00
Wood's Early Frame.	.10	.20	.60
White Icicle. The earliest long white.	.10	.20	.60

**Winter Varieties**

Chinese Mammoth or Celestial.	.10	.25	.75
California Mammoth Winter.	.10	.25	.80
Half Long Black Winter.	.10	.25	.80
Long White Spanish.	.10	.25	.70
Long Black Spanish.	.10	.25	.70
Rose, or Scarlet China Winter.	.10	.25	.70
Round Black Spanish.	.10	.25	.75
The Munich.	.10	.25	.85
Sakurajima.	.15	.50	1.75

**Salsify**

Mammoth Sandwich Island.	\$0.15	\$0.45	\$1.50

**Sorrel** French \$0.15**Spinach**

25 lbs. and over, per lb.

Bloomsdale or Norfolk, Savoy-Leaved.	\$0.15	\$0.40	\$0.35
Extra Large Round-Leaved.	.10	.30	.25
Monstrous-Leaved Viroflay.	.10	.30	.25
Long Standing.	.10	.30	.25
Vaughan's Giant Fill Basket (New).	.15	.35	.30
Prickly Seeded.	.10	.30	.25
Victoria.	.10	.30	.25
Vaughan's Triumph.	.15	.35	.28
Tetragonia, or New Zealand.	.25	.75	...
Antvorskov (Danish King).	.20	.50	...

Write for Prices on Large Lots

**Swiss Chard**

Oz. 1/4 lb. Lb.

Long Leaved Sea-Kale.	\$0.10	\$0.25	\$0.70
Lucullus.	.10	.25	.75

**Lyon.****Squash**

Oz. 1/4 lb. Lb.

Boston Marrow.	.10	.30	1.25
Chicago Warted Hubbard.	.15	.45	1.40
Chicago Orange Marrow.	.15	.40	1.25
Cocozelle.	.15	.45	1.50
Delicious.	.15	.45	1.50
Essex Hybrid.	.15	.45	1.40
Early White Bush.	.15	.40	1.25
Early Yellow Bush.	.15	.40	1.25
Faxon's Brazilian.	.15	.45	1.40
Bush Fordhook.	.15	.45	1.50
Fordhook Early.	.15	.45	1.50
Vaughan's Giant Summer Crookneck.	.15	.45	1.40
Golden Hubbard.	.15	.45	1.40
Original Hubbard. Extra Select.	.15	.45	1.40
Mammoth White Bush. Extra Select.	.15	.40	1.25
Mammoth Yellow Bush.	.15	.40	1.25
Mammoth Chili.	.20	.50	1.75
Marblehead.	.15	.45	1.50
Pike's Peak, or Sibley.	.15	.45	1.50
Vegetable Marrow.	.15	.45	1.60
Giant White Summer Crookneck.	.15	.40	1.35
Yellow Summer Crookneck.	.15	.40	1.25
Zucca de Pergola. Italian sort.	.25	.70	...

**Tomato**

1/2 oz. pkts. for 3-5 of the

one ounce price.

Oz. 1/4 lb. Lb.

Vaughan's Model.	\$0.35	\$1.15	\$4.00
Dwarf Stone. (New)	.35	1.15	4.00
New Globe.	.35	1.15	4.00
John Baer.	.35	1.15	4.00
Early Detroit.	.40	1.25	4.50
Atlantic Prize.	.30	1.00	3.50
Acme.	.30	1.00	3.50
Beauty.	.30	1.00	3.50
Bonny Best.	.35	1.15	4.00
Buckeye State.	.30	1.00	3.50
Chalk's Early Jewel.	.35	1.15	4.00
Coreless.	.40	1.25	4.50
Cream City.	.30	1.00	3.50
Crimson Cushion.	.55	1.60	5.50
Dwarf Aristocrat.	.35	1.15	4.00
Dwarf Champion.	.40	1.25	4.50
Erliana, Vaughan's Select.	.35	1.15	4.00
Early Michigan.	.30	1.00	3.50
Enormous.	.45	1.35	4.75
Favorite.	.30	1.00	3.50
Early Freedom.	.30	1.00	3.50
Golden Queen.	.35	1.15	4.00
Pkt. 20c 1.00			

Forcing Sorts. Comet, Sunrise, Stirling Castle, Hubert's Marvel, Lister's Prolific, Frogmore Select, each, pkt., 25c; oz., 50c

Lorillard, Sutton's Best of All, pkt., 10c; oz., 35c.

**Turnip**

Oz.

1/4 lb.

Lb.

Early White Milan. Earliest of all.	\$0.10	\$0.30	\$1.00
Early Extra Purple Top Milan.	.10	.30	.50
Purple Top Strap Leaf.	.10	.20	.50
White Egg.	.10	.20	.50
Purple Top White Globe.	.10	.20	.50
White Flat Dutch.	.10	.20	.50
Large Yellow, or Amber Globe.	.10	.20	.50
Yellow Aberdeen.	.10	.20	.50
Golden Ball or Orange Jelly.	.10	.20	.50
Cowhorn or Long White.	.10	.20	.60
Early Snowball.	.10	.20	.50
Seven Top.	.10	.20	.50
Yellow Stone.	.10	.20	.55
Large White Norfolk.	.10	.20	.50
Teltow.	.10	.20	.60

**Rutabaga or Swede**

Monarch.

Lain's Swede.

New Breadstone.

Carter's Imperial Swede.

Vaughan's American Purple Top Improved.

Skirving's Rutabaga.

White Swede.

Rhode Island Rock.

Sutton's Champion.

Sweet German.

Vassar. (New).

Bangholm Danish.

Mammoth Sandwich Island.	\$0.15	\$0.45	\$1.50

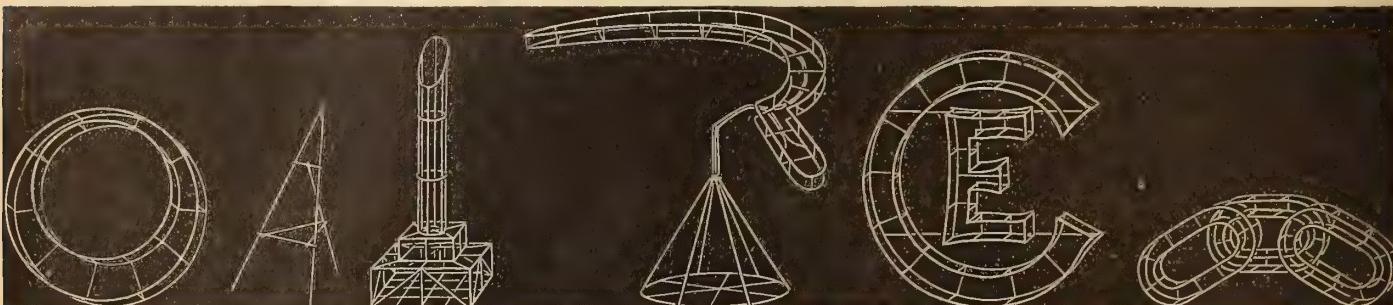
# FLORIST'S WIRE DESIGNS

Many other and odd designs can be made and supplied on short notice, but they are made entirely at the risk of the buyer as to correctness; we accept orders on no other basis.

Large Discount if you order big. Send us your list for estimate. We meet all honest competition on these goods, quality considered.

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\$50.00 orders for \$40.00 net.  
15 per cent off on orders of  
\$20 to \$45.00, if cash enclosed.

COMPARE THESE PRICES, they are MUCH LOWER than many SO-CALLED NET prices. F.O.B. NEW YORK OR CHICAGO



CRESCENT WREATH

EASEL

BROKEN COLUMN

SICKLE ON BASE

CHRISTIAN ENDEAVOR

ODD FELLOWS DESIGN

**ANCHORS—Flat**

Inch	Price	Inch	Price
10.	\$0 20	20.	\$0 50
12.	25	22.	55
14.	30	24.	60
16.	35	27.	70
18.	45	30.	90
	36.	1 05	

**Anchor on Base**

12.	45	22.	95
14.	55	24.	1 10
16.	65	27.	1 25
18.	75	30.	1 50
	36.	2 00	

**Anchor on Reclining Stand**

12.	35	20.	70
14.	40	24.	85
16.	50	30.	1 25
18.	60	36.	1 50

**Anchor and Cross on Base**

12.	45	20.	75
14.	50	24.	85
16.	55	27.	1 15
18.	65	30.	1 35
	36.	1 75	

**ANCHOR and CROSS**

10.	20	20.	45
12.	25	22.	50
14.	30	24.	60
16.	35	27.	70
18.	40	30.	90
	36.	1 25	

**BASES**

5.	18	9.	40
6.	20	10.	50
7.	25	11.	75
8.	35	12.	1 00

**ANCHOR ON EASEL**

12.	45	24.	1 00
14.	50	27.	1 25
16.	55	30.	1 50
18.	65	36.	1 75

**HANDLE BASKETS**

4...doz.	1 10	8...doz.	1 75
5....	1 25	9....	2 10
6....	1 35	10....	2 40
7....	1 50	12....	2 75

**HANGING BASKETS**

8....	1 80	16...doz.	4 25
10....	2 00	18....	5 50
12....	2 50	20....	6 50
14....	3 00	22....	8 00
	24....	9 00	

**Hanging Baskets, Fancy Top**

8....	2 50	16...doz.	5 25
10....	3 00	18....	7 25
12....	3 25	20....	8 25
14....	4 00	22....	9 50
	24....	11 00	

**BELLS—Single Frame**

8....each	25	15....each	60
10....	30	18....	80
12....	40	21....	1 15

**Bells. Double Frame**

Inch	Price	Inch	Price
10.	\$0 60	15.	\$1 00
12.	75	18.	1 35
		21.	1 75

**BIBLES OR OPEN BOOKS**

8x12.	50	12x20.	1 10
10x16.	75	14x24.	1 35

**BIBLES ON STUMP**

8x12.	75	12x20.	1 50
10x16.	1 00	14x24.	1 75

**BROKEN WHEEL**

15.	65	27.	1 50
18.	75	30.	1 90
21.	1 00	33.	2 50
24.	1 25	36.	3 00

**Broken Wheel on Easel**

15.	85	27.	2 25
18.	1 10	30.	2 50
21.	1 40	33.	3 25
24.	1 75	36.	3 75

**Broken Wheel on Base**

15.	80	27.	2 35
18.	1 20	30.	2 75
21.	1 50	33.	3 50
24.	1 85	36.	4 50

**Broken Wreath with Sickle on Round Base**

12.	60	21.	1 35
14.	75	24.	1 50
16.	1 00	27.	2 00
18.	1 25	30.	2 50

**BROKEN COLUMN**

18.	45	30.	1 25
21.	60	36.	1 75
24.	75	42.	2 50
27.	1 00	48.	3 10

**Broken Column with Wreath Entwined**

21.	1 00	60.	4 00
24.	1 40	48.	3 75
27.	2 00	60.	4 75

**Casket Cross on Reclining Stand**

18.	50	24.	75
21.	60	27.	90

**Casket Cross on Round Base**

12.	50	25.	1 05
15.	60	27.	1 30
18.	70	30.	1 50
21.	85	33.	1 75

**CHRISTIAN ENDEAVOR**

14....each	60	20....	1 50
16....	75	24....	1 75
18....	1 00	28....	2 50

**Christian Endeavor on Base**

Inch	Price	Inch	Price
10.	\$0 80	20.	\$2 00
12.	1 00	24.	2 50
14.	1 45	28.	3 00

**CRESCENT**

Inch	Price	Inch	Price
10.	15	16.	28
12.	18	18.	35
14.	23	21.	50

**CRESCENT WREATHS**

Inch	Price	Inch	Price
10.	15	21.	50
12.	18	24.	60
14.	25	27.	85
16.	30	30.	1 15

**Crescent Wreath on Round Base**

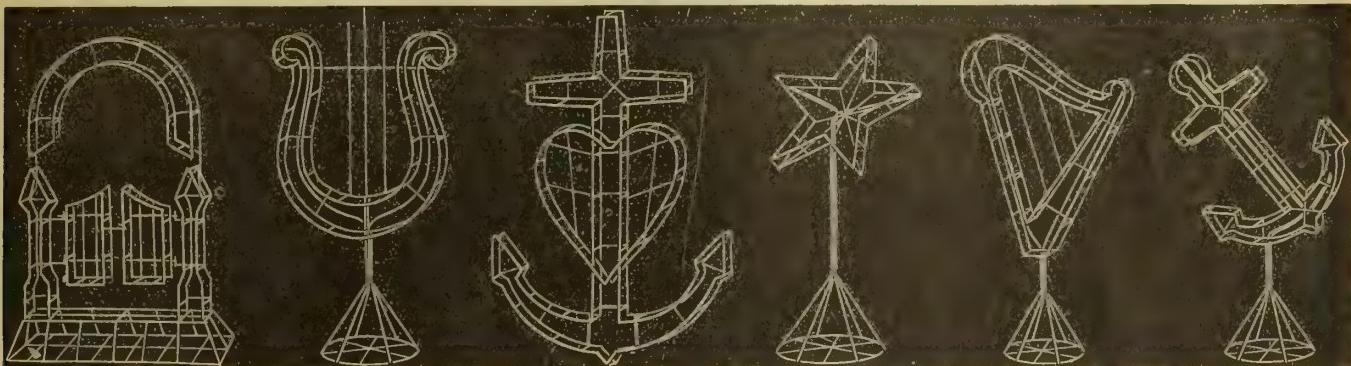
Inch	Price	Inch	Price
10.	25	21.	70
12.	30	24.	90
14.	35	27.	1 50
16.	40	30.	2 10

**CROSSES. Flat**

Inch	Price	Inch	Price




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GATES AJAR

LYRE ON BASE

FAITH, HOPE AND CHARITY

STAR ON BASE

HARP ON BASE

ANCHOR ON BASE

## GRAND ARMY EMBLEM

Inch	Price	Inch	Price
21.....	\$3 00	24.....	\$3 50

## HARPS—Flat

12.....	30	24.....	70
15.....	35	27.....	80
18.....	45	30.....	1 00
21.....	60	36.....	1 35

## Harps on Round Base

12.....	50	21.....	1 25
15.....	60	27.....	1 50
18.....	80	30.....	1 75
21.....	90	36.....	2 00

## Harps on Reclining Base

12.....	45	24.....	90
15.....	50	27.....	1 00
18.....	60	30.....	1 25
21.....	80	36.....	1 75

## HEARTS—Solid

8.....	12	18.....	35
10.....	15	20.....	45
12.....	18	22.....	55
14.....	20	24.....	70
16.....	25	27.....	1 00

## Hearts on Base

8.....	35	16.....	70
10.....	45	18.....	85
12.....	50	20.....	1 00
14.....	60	22.....	1 25
16.....	70	30.....	1 50

## Hearts on Reclining Stand

10.....	30	18.....	75
12.....	40	20.....	1 00
14.....	45	22.....	1 35
16.....	55	24.....	1 65

## Hearts. Double—on Base

12.....	1 25	21.....	2 00
15.....	1 35	24.....	2 50
18.....	1 50	30.....	3 25

## Hearts on Reclining Stand

10.....	25	18.....	60
12.....	35	21.....	75
14.....	40	24.....	95
16.....	50	27.....	1 20

## Open Hearts

10.....	25	18.....	90
12.....	35	21.....	1 15
14.....	45	24.....	1 40
16.....	55	27.....	1 75

## Open Heart on Round Base

10.....	50	18.....	1 10
12.....	60	21.....	1 40
14.....	70	24.....	1 75
16.....	85	27.....	2 15

## Open Heart On Reclining Stand

10.....	35	18.....	90
12.....	45	21.....	1 15
14.....	55	24.....	1 50
16.....	65	27.....	2 00

## Open Heart. Double

12 Plain.....	40	12 Base.....	90
15 ".....	50	15 ".....	1 15
18 ".....	65	18 ".....	1 40
21 ".....	80	21 ".....	1 60
24 ".....	1 00	24 ".....	2 00
30 ".....	1 50	30 ".....	2 75

## Open Heart

14.....	85	18.....	1 25
16.....	1 00	22.....	1 50

## HORSESHOES

Inch	Price	Inch	Price
12.....	\$0 20	24.....	\$0 80
14.....	25	30.....	1 25
16.....	30	36.....	1 75
18.....	40	48.....	3 50
21.....	50		

## Horseshoe on Iron Easel

18.....	70	33.....	2 25
21.....	85	36.....	2 50
24.....	1 35	42.....	3 75
27.....	1 70	48.....	5 00
30.....			

## Keystone

12.....	40	21.....	1 00
15.....	50	24.....	1 10
18.....	60	30.....	1 25
21.....	80	36.....	1 75

## Keystone on Easel

12.....	60	21.....	1 35
15.....	70	24.....	1 70
18.....	80	30.....	2 00
21.....	100	36.....	2 30

## LADDER With Folding Stand

24.....	1 00	36.....	1 30
27.....	1 20	40.....	3 50
30.....	1 20	48.....	5 00

## LETTERS

Single	Double
3.....	04
4.....	05½
5.....	06
6.....	07
8.....	08

## LYRES

12.....	30	27.....	1 00
15.....	40	30.....	1 30
18.....	60	33.....	1 50
21.....	70	36.....	2 00

## Lyre on Reclining Stand

12.....	40	27.....	1 35
15.....	50	30.....	1 75
18.....	75	33.....	2 15
21.....	90	36.....	2 75

## Lyre on Round Base

12.....	50	27.....	1 50
15.....	60	30.....	2 00
18.....	80	33.....	2 50
21.....	100	36.....	3 00

## Lyre on Round Base with Star Above

12.....	65	18.....	1 00
15.....	85	21.....	1 25
18.....	100	24.....	1 60
21.....	125	36.....	2 00

## Lyre on Round Base with Star Above

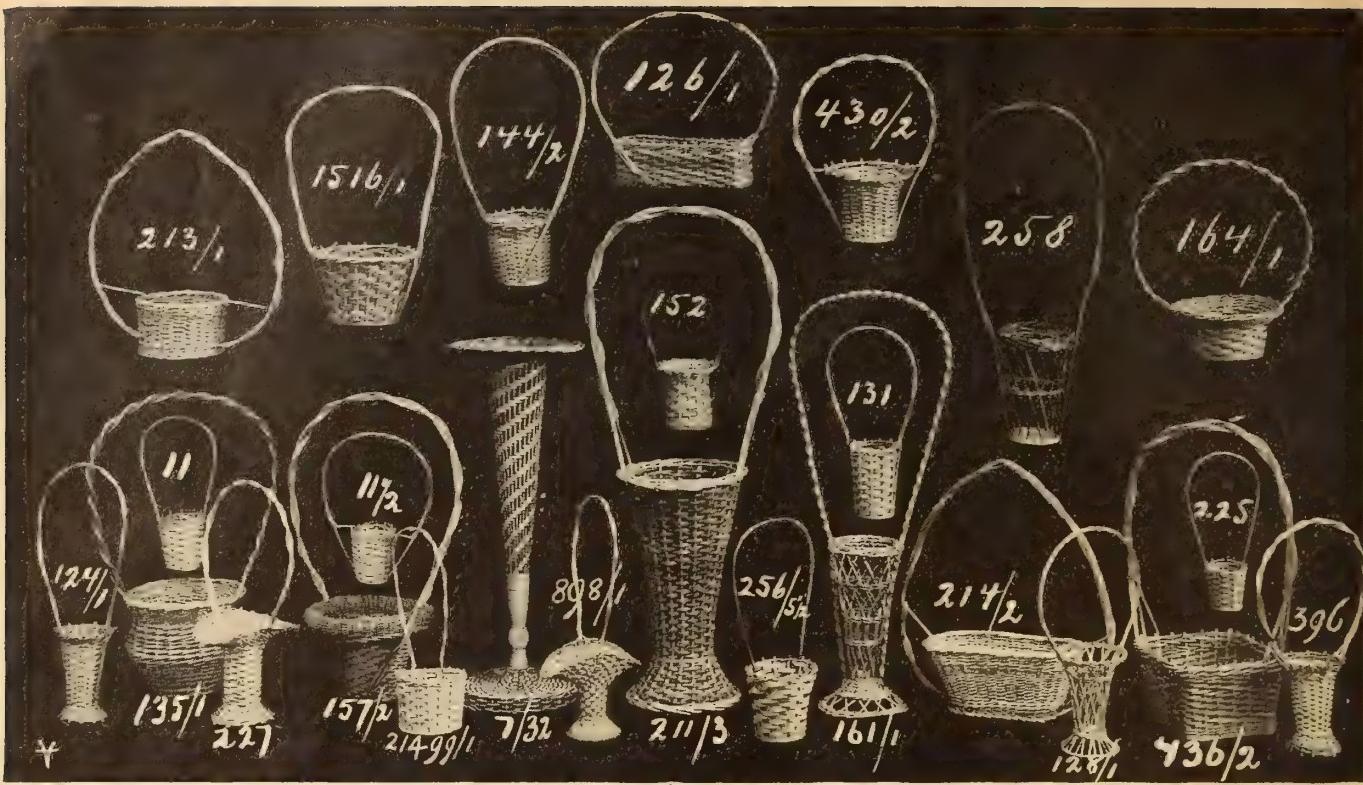
12.....	100	24.....	2 00
15.....	125	36.....	2 85
18.....	150	50.....	
21.....	175	75.....	

## MASONIC DESIGNS

Square and Compass Flat
12.....
15.....
18.....
21.....
24.....
30.....

## On Reclining Stand

12.....	35	24.....	1 35



## FLOWER BASKETS NEWEST PATTERNS

THE Baskets we illustrate on this page are mostly staple and well known styles which have proven satisfactory when used for Cut Flowers and Plants. We can fill orders promptly and satisfactorily. Give us a trial order.

No. 403— $6\frac{1}{2}$  inches in diameter,  $6\frac{3}{4}$  inches in depth, 17 inches in height.

Natural.....	\$0.30	Stained.....	\$0.35
Enamel.....	.40	Two-tone.....	.45
Decorated.....	.70	Tin Liner.....	.08

No. 365— $4\frac{1}{2}$  inches in diameter, 5 inches in depth,  $15\frac{1}{2}$  inches in height.

Natural.....	\$0.25	Stained.....	\$0.30
Enamel.....	.33	Two-tone.....	.38
Decorated.....	.65	Liner.....	.07

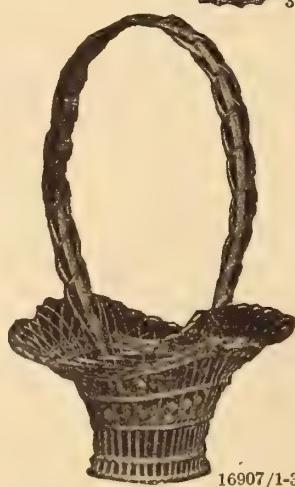
16907/1-3—Brides-maid's Basket. A nest of three...\$1.25



365



403



16907/1-3

No. of Basket	Height Inch	Depth Inch	Width Inch	Natural each	Stained each	Enamored any color	Two tone or gold finish	Decorated each	Liner extra
7/18 18				\$1.10	\$1.25	\$1.35	\$1.45	\$1.85	\$0.25
7/24 24				2.85	3.30	3.45	3.75	4.45	.40
7/30 32				3.95	4.20	4.40	4.95	5.95	.60
7/36				4.55	4.95	5.40	5.75	6.85	.70
7/40 40				5.80	6.40	6.90	7.40	8.90	.85
11	15	5	4 1/2						
124/1	23	8	5	.37	.42	.46	.49	.77	.08
124/2	28	10	6	.50	.60	.65	.70	1.15	.10
126/0				.50	.60	.65	.70	1.15	.20
126/1	16 1/2	4 3/4	5x13	.70	.75	.85	.95	1.35	.25
126/2	19 1/2	5 1/2	6 1/2x17 1/2	1.25	1.40	1.55	1.65	2.10	.35
126/3				1.80	1.95	2.10	2.20	2.70	.55
128/1	22 1/2	8	6 1/2	In any finish desired includ'g L.	.60	.65	.70	.90	
128/2	24	9 1/2	6 3/4	"	"	"	"	1.25	
128/3	28	11	7 1/2	"	"	"	"	1.75	
128/4	30	12	9 1/4	"	"	"	"	2.25	
135/1	27	9	10 1/2	2.20	2.35	2.50	2.65		.35
135/2	30	11	13 1/2	2.50	2.80	3.00	3.10		.50
136/2	23	6 1/2	8	2.00	2.20	2.40	2.65		.35
136/3	26	7	9 1/2	2.50	2.80	3.00	3.10		.50
152									
157/1	24	7 1/2	7 1/2	2.00	2.15	2.25	2.80		.28
157/2	27	9	9	2.25	2.40	2.60	3.00		.35
161/1	32	14	7 1/2					1.45	1.85
161/2	37	15	8 1/2					1.70	2.35
161/3	45	20	9					2.65	3.15
164/1	17	6	10 1/2	.85	.95	1.05	1.15	1.50	.23
164/2	26	9 1/2	11 1/2	1.20	1.35	1.45	1.60	2.00	.26
164/3	27	7 1/2	10 1/2	1.35	1.55	1.65	1.80	2.25	.35
211/1	41	16	9 1/4	1.35	1.55	1.65	1.80	2.25	.38
211/2	44	19	11	1.70	1.90	2.15	2.35	3.00	.45
211/3	47	21 1/2	12	2.05	2.40	2.60	2.85	3.50	.55
213/1	18	4 1/2	7	1.10	1.30	1.40	1.50		.30
213/2	22	5 1/2	9 1/2	1.50	1.55	1.70	1.75		.35
214/0				.85	.95	1.05	1.10		.30
214/1	19	5	7x11	1.30	1.40	1.50	1.65		.35
214/2	23	6	11 1/2	1.55	1.75	1.90	2.05		.40
256/5				.22	.25	.30	.32		.20
256/6				.25	.35	.43	.47		.25
256/7				.40	.45	.55	.60		.26
256/8				.50	.60	.75	.80		.35
256/9				.9	.75	.90	1.00		.40
258/1	30 1/2	10 1/2	7 1/2					1.50	
396	20	8	6	.40	.45	.55	.60	.85	.10
430/1	17x6x7			New No. 183/3	.40	.45	.50	.90	.20
430/2	18x6 3/4x8 1/2			"	183/4	.50	.60	1.05	.25
822/1				Doz.	4.30	5.60	6.25		Doz. 1.10
822/2				"	4.60	6.60	7.00		" 1.35
822/3				"	5.30	7.20	8.60		" 1.35
822/4				"	6.00	7.90	9.25		" 1.35
822/5				"	6.60	9.25	11.20		" 2.00
822/7				"	7.90	11.00	13.75		" 2.00
841				New No. 11	.15	.18	.20	.35	.07
841 1/2					.40	.42	.45	.50	.09
1516/1	21	7	9		.60	.70	.75	.85	1.25
1516/2	24	8	10 1/2		.95	1.20	1.30	1.40	2.50
1516/3	26	9	13	1.40	1.75	1.85	2.00	3.25	.55
21499/1	17 1/2	4 3/4	6		.30	.35		.40	.20
21499/2	18	5	7		.35	.40		.50	.22
21499/3	18 1/2	5 1/4	8		.40	.50		.60	.23
21499/4	21	8	9 1/2		.45	.55		.70	.25

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.  
PACKING CASES AT COST.

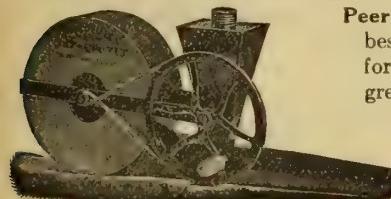
# VAUGHAN'S ABC LIST FLORISTS' SUPPLIES

Prices quoted in this Catalogue are subject to change without notice, owing to the unsteady condition of the market.  
This applies particularly to Fertilizers, Wire, Tinfoil, etc. For parcel post rates see order sheet.

**APRONS RUBBER.** These are especially made for us of the best quality sheeting and are 1½ yds. long. Each, \$2.50; 3 for \$7.25. Postage, 25c each, extra.

**DUSTER. Lowell.** Handy for dusting any dry Insecticide. Operated same as hand sprayer. Each, 95c; 3 for \$2.50.

**POWDER BELLOWS. Acme.** For dusting with sulphur or like material. One size each, \$1.50.



**POWDER GUNS.** The best dry powder guns for blowing powder on plants and insects.

**Cyclone.** Each, 20c. **Jumbo,** Each, 45c.

**BOOKS.** For other Books, send for our Book List.

**American Florist, The.** Best paper for the trade; invaluable to every florist. Weekly. By the year..... \$1.50

**Bulbs and Tuberous Rooted Plants.** Allen. Cloth... 2.10

**Carnation Culture.** By L. L. Lamborn..... 1.85

**Carnation Culture—Commercial.** By J. Harrison Dick. 1.85

**Chrysanthemum Culture.** Herrington. Cloth, 158 pp. .90

**Forcing Book, The.** By Prof. Bailey. Manual of vegetable cultivation under glass. Cloth. 266 pp..... 2.60

**Fertilizers.** J. J. Gregory. Paper..... .65

**Fertilizers.** By Prof. Voorhees. The best book on this important subject. Easy, comprehensible style..... 2.60

**Floral Designs de Luxe.** 355 designs..... 4.50

**Gardening for Profit.** Henderson. Cloth, 369 pages... 2.10

**Gladiolus, The.** Covers whole field of gladiolus culture.

By Crawford and Van Fleet. Illustrated..... 1.60

**Greenhouse Construction.** Taft. All the best structures fully described; 100 illustrations. Cloth..... 2.35

**Greenhouse Management.** By L. R. Taft. Illus. Cloth 2.35

**Hand Book of Plants.** Henderson's. Latest edition... 3.25

**Farm and Garden Rule Book.** Contains much valuable information. By L. H. Bailey. Cloth..... 3.35

**Insects and Insecticides.** C. M. Weed. Illus. 334 pp.. 1.85

**Landscape Gardening.** Maynard..... 2.50

**Lilies.** An authoritative and instructive manual for growers. H. S. Adams..... 1.35

**Mushroom Growing.** By B. M. Duggar. Illustrated

Cloth, 250 pp..... 2.10

**Mushrooms, How to Grow Them.** Wm. Falconer. Cloth 1.70

**Nursery Manual, The.** Bailey. Cloth. 12 mo..... 3.25

**Plant Propagation Greenhouse and Nursery Practice.**

By M. G. Kains, Cloth, 322 pp..... 2.35

**Practical Landscape Gardening.** By Robert B. Cridland, Landscape Architect, Illustrated. Cloth..... 2.50

**Practical Floriculture.** By Henderson..... 2.10

**Pruning Manual, The.** Bailey. Illus. 545 pp..... 3.25

**Spraying of Plants, The.** Lodeman. Cloth, 399 pp.... 2.60

**The Book of Water Gardening.** Peter Bisset. Cloth... 3.50

**CAPE FLOWERS.** Lb.

**Pure White.** Extra fine quality..... \$1.50

**Colored.** Bright shades..... 2.25

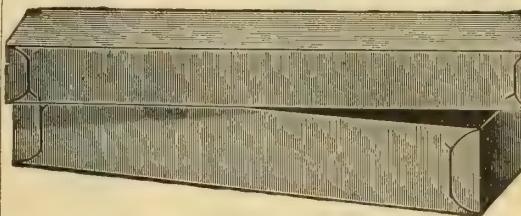
**CARNATION BANDS, Rubber.** Tiny rubber bands, almost invisible. They are put on the buds just before the flowers open or after the calyx bursts. Per lb. box of about 13,000, \$2.75 postpaid.

**CARNATION STAPLE, Pillsbury's.** A clever little device for mending Carnation flowers with burst calyx. The staple is practically invisible, being made of very fine hair wire. Price, 1,000 staples, 35c.

**CLIP, Blake's Lever.** A useful little article for fastening stakes to the cross wire. They never slip and are a great saving in both time and money. Price, \$2.00 per 1000. Samples mailed free.

## CUT FLOWER BOXES.

In packages of 100 only.



**F. O. B.**  
**Chicago only.**  
Printing \$3.75 extra. In gold \$7.50 extra for each order of 100 to 1,000 boxes assorted sizes. We carry a complete

stock and can usually fill orders promptly. If required printed usually means delay of about ten to twelve days.

Prices subject to change without notice owing to market conditions.

## VAUGHAN'S "GREEN" GRADE.

Fine, green-lined, moisture-proof board. Very popular.

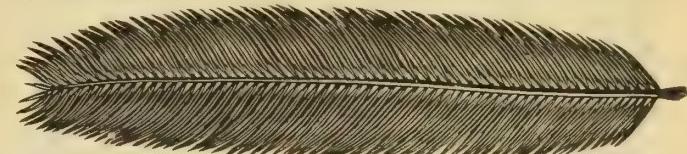
Size in inches	Weight Per 100	Per 100	Size in inches	Weight Per 100	Per 100
3 x18x5	40 lbs.	\$4.25	4x24x 8	85 lbs.	\$ 7.75
3 x21x5	45 lbs.	4.50	5x28x 8	105 lbs.	9.00
3½x24x5	60 lbs.	5.75	5x36x 8	125 lbs.	11.50
3½x21x7	65 lbs.	6.25	6x40x10	179 lbs.	16.50
3½x30x5	75 lbs.	6.75			

## FLORAL DESIGN BOXES.

No. 26. 7x30x12.....	\$20.00
No. 27. 8x20x20.....	22.00
No. 29. 8x24x24.....	27.00

## JAPANESE VIOLET BOXES (Fancy Plated Board).

5x9x6, 30 lbs.....	\$5.00	5½x11x8, 45 lbs.....	\$6.00
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## CYCAS LEAVES. Prices subject to change without notice

Length	Dozen	100	Length	Dozen	100
8 to 12 in.....	\$0.60	\$3.50	28 to 32 in.....	\$1.15	\$ 7.25
12 to 16 in.....	.65	4.00	32 to 36 in.....	1.35	8.50
16 to 20 in.....	.85	4.75	36 to 40 in.....	1.50	10.00
20 to 24 in.....	.95	5.25	40 to 44 in.....	1.75	11.00
24 to 28 in.....	1.00	6.00			

## LETTERS AND FIGURES

### IMMORTELLE LETTERING. Purple.

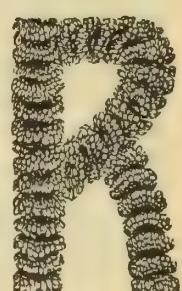
Per 4-yard pkg. 95c; 6 pkgs. \$5.00.

### IMMORTELLE LETTERS AND FIGURES.

1½ or 2 inches in length, 5c each; 100, \$4.50.

**BOSTON FLORISTS'.** Patent fasteners with each letter, 1½ and 2 inches, per 100, \$4.50.

**BOSTON SCRIPT.** Neatest ever made. Can supply the following words: Asleep, Baby, Husband, Wife, Grandpa, Grandma, Father, Mother, Brother, Sister, Rest, At Rest, Our, My, Finis and Friend. Per letter, each, 4½c.



**FELT LETTERS.** Purple. For pasting on ribbon of any kind. Used when letters of other makes are not available. 1-inch, per 100, \$1.00; in less than 100 lots, 1¼c per letter.

**GILT RIBBON LETTERS.** Gummed. 1¼-in. per 100, \$1.25; per 1000, \$4.50; ¾-in., per 100, \$1.00; ½-in., per 100, 75c.

**CHENILLE LETTERING.** Silk—Purple, scarlet, pink, light blue, yellow and white, at 75c per pkg. of 12 yds.; \$7.50 per doz. pkgs.

**Worsted, Large**—Purple, pink, scarlet, light and dark blue, white or yellow, 12 yards, 50c; per gross, \$5.00.

**Worsted, Medium**—12 yards, 35c; doz., \$3.75.

**Worsted, Small**—Same colors, 12 yards, 30c; gross, \$3.00.

**Twisted Chenille, Large**—Any color, 12 yds, 45c; gross, \$4.50.

# GLAZING TOOLS, MATERIALS AND PAINTS

ALL THE BEST MATERIALS FOR GREENHOUSE USE



MASTICA MACHINE



DIAMOND GLASS CUTTER  
MASTICA, For Glazing Greenhouses



PUTTY BULB

The use of "Mastica" avoids the necessity of repeatedly re-glazing the houses, saving much time and expense. Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side).

Price, per gal., \$2.50; 5 gals., \$12.25; 10 gals., \$24.00.

### GLAZING PUTTY, Twemlow's Old English

Five gallons will glaze a house 100x20 feet. Being semi-liquid it can be put on with an ordinary putty bulb very quickly, and as it never becomes hard, broken glass can always be removed without any danger to the other lights.

Per gal., \$3.00; 5 gals., \$14.50; 10 gals., \$28.00.

**GLAZETITE GLAZING CEMENT.** A perfect compound for glazing, re-glazing and repair work on greenhouses and sash. Made from a long fiber asbestos and elastic gums. For glazing purposes it requires about 3 gallons to each thousand feet of glass.

Price, per gal., \$1.75; 5 gals., \$8.50; in 35 and 55-gal. drums, \$1.50 per gal. Glazing gun gratis with each 35 or 55-gal. drum.

**PERMANITE.** This is a glazing compound that expands and contracts with heat and cold; will not crack or fall away from the glass or bar. Permanite does not get hard, and it will never run.

Price, gal. \$2.10; 5-gal. can at \$2.00 per gal.; 12 or 25-gal. drum, at \$1.85 per gal.;  $\frac{1}{2}$  bbl; at \$1.80 per gal.; bbls. at \$1.75 per gal. Glazing Gun free with each 12 or 25-gal. drum,  $\frac{1}{2}$  bbl. or bbl. of Permanite.

**PERMANITE GUN.** The one-handed machine for using glazing compound. Price, \$6.50.

**PUTTY BULB, Scollay's.** A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, \$1.25; 3 for \$3.60; doz., \$12.00.

If by mail, (weight under 1 lb.)

### MASTICA MACHINE—Each, \$2.75.

### DOVES, Vaughan's Flexible



The wings of these doves are set in such a manner that by bending they can be made to assume different positions. We are in a position to fill orders promptly, as we carry an excellent stock and give greatest care in packing. Special prices for quantity on application.

Doves have been very scarce for a year. We can't do ordinary "First Quality" at present.

#### Extra Quality Birds.

Price, ea., \$2.35; 6 for \$13.00; doz., \$25.00.

### DUSTER—Leggett's Little Giant

The best dry powder gun; can dust two rows at a time. Each, \$10.50.

### CYCLONE, small size.....\$0.20

### LOWELL DUSTER. Each..... .85

### FUMIGATORS, Eureka. Made of galvanized iron.

Size Capacity Size Capacity Size Capacity Size Capacity  
No. 1  $\frac{1}{2}$  pk., \$2.75 No. 2 1 pk., \$4.00 No. 3  $\frac{1}{2}$  bu., \$4.75 No. 4  $\frac{1}{4}$  bu., \$7.00.

### GARDEN LINE. Per 100 ft., 90¢ if by mail (weight 1lb.); 1000 feet, \$8.00.

The market in nearly all supplies listed on these pages is unsettled and prices are subject to fluctuations and revisions. Write us when we seem out of line.

### GLAZING POINTS, Vaughan's Perfection—No rights or lefts

No. 2. For large single thick glass.

No. 2 $\frac{1}{2}$ . Double thick, for greenhouses and skylights.

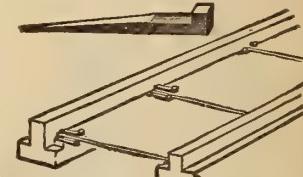
No. 2. Price, per lb. (abt. 900) 60¢; in lots of 5 lbs., 55¢ per lb.; No. 2 $\frac{1}{2}$  per lb. (abt. 800) 60¢; 5 lbs. at 55¢ per lb.

Write for prices in larger quantities.

### SIEBERT'S IMPROVED

Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out when repairing greenhouse roof. Two sizes,  $\frac{5}{8}$  and  $\frac{1}{2}$ -inch long, put up in 1 pound packages. Over 1,500 points in 1-lb. pkg. of  $\frac{5}{8}$ ; over 1,000 points in 1-lb. pkg. of  $\frac{1}{2}$ .

Price: Per lb., 60¢; 5 lbs., \$2.75; 20 lbs., \$10.00.



### CLAMP, Peerless Repair

Simple device for repairing broken greenhouse glass. Easily adjusted from inside of house. Saves labor, coal and glass. If applied as soon as crack is noticed, the pane is just as strong as before and will not sag or drop out. Price, per box of 100 clamps, \$1.35.



### DIAMOND GLASS CUTTER. With guide wheel. Each, \$4.50.

### RED DEVIL GLASS CUTTER. Doz., \$2.00; each, 20c.

### PUTTY KNIFE. No. 120. A very good tool. Each, 35¢; 3 for \$1.00.

### PAINT, Hammond's Greenhouse White

This is a full oil paint, has good lustre and body and not liable to peel off or crack. Per gal., \$4.10; 2 gals., \$8.00; 3 gals., \$11.70; 5 gals., \$18.50; 10 gals., \$36.00.

### HAMMOND'S GREEN, Mount Beacon. Specially prepared for shading greenhouses. Per gal., \$3.00; 5 gals., \$14.00.

### GARDEN LINE REEL. Each.....\$1.00

### GRAFTING WAX. Per $\frac{1}{4}$ -lb. bar, 15¢; $\frac{1}{2}$ -lb. bar, 25¢; 1-lb., 45¢ (If by mail, see postal rates in front of catalog).

### HYACINTH GLASSES

Tall American, in four distinct colors.

\$3.75 per dozen; 3 dozen, \$10.75.

**Tye Shape.** These are preferred by some to the ordinary tall. Per doz., \$3.85; 3 dozen for \$11.00.



### LABELS (Pot). We carry the best quality of Wooden Labels made. They are smooth, strong and neat.

In lots of 5,000 we allow a discount of 5 per cent. Per 1000

	Plain	Painted
Wooden, 4-in., plain, 10,000,	\$10.50	\$1.15
" 4 " painted, 10,000,	\$14.00	\$1.50
" 5 "	.....	1.45 1.85
" 6 "	.....	1.80 2.40
" 8 "	.....	5.50 7.25
" 10 "	.....	7.50 9.00
" 12 "	.....	9.25 10.75

### LABELS (Tree).

Wooden,  $3\frac{1}{2}$  in. iron wired.....per 1000..... \$1.50 \$1.90  
"  $3\frac{1}{2}$  in. copper wired.....per 1000..... 1.85 2.40



### COPPER LABELS. Wired, indestructible. Per 100, \$1.60; larger size, per 100, \$2.25. (See under "p" for Indelible Pencil.)

### CYPRESS LABELS. For use outside. Very lasting under all weather conditions. Splendid for perennial plants. Made of $\frac{3}{8}$ inch timber. Paint with white lead before using, and write before paint dries.

Length, 16 inches.....per 100, \$3.50  
" 18 inches....." " 4.50

### ZINC TREE LABELS. For an enduring label these are unsurpassed. They last for many years. The writing is done with an ordinary lead pencil, gets plainer with age. They are copper wired and measure $3\frac{3}{4} \times \frac{3}{4}$ inches. Price per 100, \$1.60.

For Fertilizers, see inside front cover.

# RUBBER HOSE COUPLERS, NOZZLES, Etc.

## ELECTRIC NON-KINKABLE GUARANTEED HOSE

A brand of hose, manufactured especially for greenhouse use. The inner tube is made of best quality rubber, very strong; the jacket of canvas or duck is mixed in such a way with the outer cover that it is extremely pliable and will not kink or crack. Comes in reels of 500 feet; order exact number of feet you require. We can cut in any length.



**Guarantee**—We guarantee Electric Hose against all defects in quality or workmanship for the period of one year. This guarantee does not cover improper handling or abuse. We are headquarters and can meet competition.

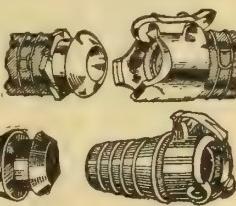
Price  $\frac{3}{4}$  or  $\frac{1}{2}$  inch; couplings free; sample mailed free if desired.

1 to 24 feet.....	per ft. 20c	50 to 99 feet.....	per ft. 18½c
25 to 49 feet.....	per ft. 19c	100 to 400 feet.....	per ft. 18c

In reels of 500 ft., 17c ft.

### HOSE COUPLER, The "Snap."

A new and simple coupling, easy to operate; stationary washer; cannot fall out.



No. 1

No. 2

No. 3

No. 4

No. 5

**No. 1**—Screws onto hydrant or old threaded coupling; use with No. 2 or 4 in connecting hose. Each, 25c; doz., \$2.50.

**No. 2**—Screws into faucet or ground pipe, on which it may be left permanently, and to it the hose is attached by the lever connection, No. 1 or No. 5. Can also be screwed into old threaded coupling. Each, 15c; doz., \$1.50.

**No. 3**—Gooseneck, screws into the old threaded coupling. Most useful at the hydrant. Each, 18c; doz., \$1.75.

**No. 4**—Corrugated, for insertion directly in the hose. Use with No. 5 for connecting hose. Each, 18c; doz., \$1.75.

**No. 5**—Corrugated, for insertion in the hose. Use with No. 4 for connecting hose. Each, 35c; doz., \$3.50.

**Common**—Brass, for  $\frac{1}{2}$  or  $\frac{3}{4}$ -in. hose. Each, 25c; doz., \$2.50. 1-in., each, 28c; doz., \$2.75.

### HOSE MENDER, The Cooper.



It is simple, practical and effective. It does not reduce the diameter of the hose. It will not rust or wear out. It can be used as many times as desired. You need no wires, pliers or mechanical skill to adjust them. Price: For  $\frac{1}{2}$  or  $\frac{3}{4}$  inch hose, each, 10c; 4 for 35c; doz., 95c. 1-inch hose, each, 12c; doz., \$1.20.

**HOSE MENDERS, Iron.**— $\frac{3}{4}$ -in. Each, 7c; doz., 70c; gross, \$7.25.

## FLORISTS' KNIVES

Sheffield English Knives are standard the world over. The following have been made specially for our trade.

Try them and you will use no other.

Each 3 for

Budding and Pruning, Stag Handle, 2 blades. .... \$1.75 \$5.00

Budding, Beech Handle. Per doz., \$4.25 ..... 45 1 20

Budding Saynor, Ivory Handle ..... 3 25 9 50



VAUGHAN'S SEED STORE

Budding, Ivory Handle, No. 109 ..... 2 25 6 50

Prunning, Swedish, No. 70E ..... 1 00 2 75

Pruning, Genuine Stag Handle, 2 blades. .... 2 00 5 75

You cannot grow plants without Fertilizers. They come high, but we must have them—we have added to this line.

### HOSE NOZZLES.

**"Chicago"**—Covers more space than any other hand-watering device. Made entirely of aluminum, except removable perforated plate of heavy sheet brass. 2 plates, each  $3\frac{3}{4}$  inches in diameter, about 100 very fine holes in each giving both fine and coarse effective sprays. Florists like it. Price, \$2.50.



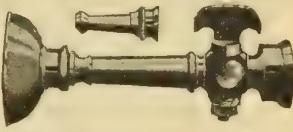
**"Gem"** — Throwing all variations, from fine spray to stream. Each, 90c.

**Boston Rose Spray Nozzle**—Brass.  $\frac{3}{4}$ -inch hose. State whether coarse or fine spray is wanted. Each, \$1.25; by mail, \$1.35.



**Bordeaux Spray Nozzle**—For spraying insecticides and white-washing.  $\frac{1}{2}$ -inch hose. Each, \$1.00; by mail, \$1.05.

**Vermorel Spray Nozzle**—For spraying insecticides and whitewashing. For  $\frac{1}{2}$ -inch hose. Each, \$1.00; by mail, \$1.05.



**Standard Nozzle**—Brass. Throws both stream and spray. Each, \$1.25. By mail \$1.35.

**HOSE STRAPS, Caldwell.** For  $\frac{1}{2}$ ,  $\frac{3}{4}$  and 1 in. hose. Doz., 35c.

**HOSE WASHERS.**  $\frac{3}{4}$ -inch. Doz., 5c; gross, 50c.

**HOSE REDUCERS.** For connecting two lengths of hose of different diameter, 1 inch to  $\frac{3}{4}$  inch. Each, 65c; doz., \$7.00.  $\frac{3}{4}$  inch to  $\frac{1}{2}$  inch, each, 55c; doz., \$6.00.

**HOSE CLAMPS.** with nut and bolt. For  $\frac{3}{4}$ -inch hose. Each, 6c; doz., 60c.



Asparagus—American straight cut .....	\$0 45
American Concave .....	55
American Fishtail .....	55
Henckel's White Handle, with Brass Caps 2 blades budding and prop .....	2 00
Imported Budding Knife.—Ivory tip, No. 5489 .....	1 50
Vaughan's English No. 109—Ivory handle .....	2 25
Vaughan's English No. 107—Heavy Prop., Ivory Handle with Brass Caps .....	2 75
Saynor Prop., Ivory Handle .....	3 00
Vaughan's Florist—3 for \$3.50; 12 for \$13.50 .....	1 25



Potato Knife—Stationary blade, beech handle, right or left handed .....	30
Pruning—English Stag handle .....	2 00
Nurseryman's Heavy Pruner, No. 3C .....	1 75
Henckel's extra strong, No. 2C .....	1 50
Henckel's for greenhouse purposes, brass lined .....	1 50
Putty Knife—No. 120, a very good tool; 3 for \$1.00 .....	35

# INSECT DESTROYERS,

Prices on all insecticides are subject to change as season advances. Chemical market unsteady.

**BLACK LEAF 40.** is a solution of Nicotine Sulphate. It is highly recommended by Experiment Stations throughout the United States as a spray for soft bodied sucking insects. For spraying only. Directions must be followed carefully: 1 oz. bottle, 35c;  $\frac{1}{2}$  lb. can, \$1.25, makes 40 to 100 gallons; 2-lb. can, \$3.75, makes 200 to 500 gallons; 10-lb. can, \$15.50, makes 840 to 2100 gallons.



**LIME SULPHUR.** (Solution.) The best remedy for San Jose scale. One gallon makes twelve. Also one of the best summer sprays, as it is an excellent fungicide. When used in summer dilute with 20 to 30 parts water. Per qt. can, 45c; 1 gal., \$1.00; 5-gal. can, \$4.00.

**ANT EXTERMINATOR.** Non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. (We do not send this outside of States of Illinois and New York). Per box 35c; by mail 40c; smaller size 20c.

**APHIS PUNK.** Special preparation of nicotine for killing insects. Per pkg., 12 sheets, 80c; 1 case, 12 pkgs., \$9.00.

**APHINE.** 1 pt., 65c; 1 qt., \$1.00; 1 gal., \$3.00

**CALCIUM, ARSENATE.** (Dry.) For dusting and spraying. A new arsenical poison for chewing insects, especially potato beetles. Harmless to foliage, not easily washed off. Lb., 50c; 5-lbs., \$2.25; 10 lbs., \$4.00.

**BORDEAUX MIXTURE.** (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb. will make 5 gallons liquid. Lb., 40c; 5-lbs., \$1.75; 25-lb. kegs, \$6.50.

**CARBON DISULPHIDE.** For ants and cut worms.

1 lb., 50c;  $\frac{1}{2}$  lb., 20c.

**ENOZ KILLS MOTHS.** Enoz Moth Liquid is applied by spraying garments, furs, upholstery, rugs, carpets, robes, blankets, etc. A thorough application permits a fine misty vapor to penetrate all parts of garments. Enoz will not stain or injure delicate fabrics or textiles, furs, rugs or any material subject to moth attack. This compound is in universal use by the housewife and the merchant to protect their valuable clothing and stock. Do not try to smell the moth away. Do not be bound to inefficient repellants. Enoz kills moths, the worm and destroys the eggs. Pint, \$1.00; quart, \$1.65; gal., \$4.25.

**FISH-OIL SOAP.** Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25.

**FLOWERS OF SULPHUR.** Lb., 12c; 10 lbs., \$1.00; 50 lbs., \$3.75; 100 lbs., \$6.50.

**FUNGINE.** New remedy for mildew, rust and other fungus diseases, for greenhouse and outdoor use. Pint, 65c; 1 qt., \$1.25; gal., \$3.00.

**GRAPE DUST.** Excellent for the prevention and destruction of mildew on plants. Per lb., 30c; 5 lbs., 95c; 10 lbs., \$1.80.

**HELLOBORE POWDERED, White.** Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00.

**KEROSENE EMULSION.** One of the best insecticides for all soft-bodied sucking insects feeding openly, so as to be within reach of actual contact, such as plant lice, flea beetles, aphids, green fly, mealy bug; also for insects on fruit trees, including San Jose scale. Per 1-quart can, 50c; 1 gal., \$1.25; 5-gallon can, \$5.00.

**LEMON OIL.** Destroys mealy bug, scale, red spider.  $\frac{1}{2}$  pt., 35c; pt., 60c; qt., \$1.00;  $\frac{1}{2}$  gal., \$1.75; gal., \$3.00; 5 gals., \$12.00.

**MELROSINE.** Is certain death to Rose bugs. One pint will make three gallons of spray solution. Pint, \$1.00; quart, \$1.75; half gal., \$3.25; gal., \$6.00.

**NICO-FUME LIQUID.** For fumigating or spraying; contains 40 per cent. nicotine.  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.35; 4 lbs., \$8.50; 8 lbs., \$16.50.

**"NICO-FUME."** A Tobacco Paper for Fumigating. Strips of

Paper strongly saturated with Nicotine. These, when suspended and lighted, make one of the best and simplest methods of fumigating greenhouses. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. Price, 24 sheets, \$1.35; 144 sheets, \$6.00; 288 sheets, \$11.00.

## DEMAND INCREASING SECURE YOUR SUPPLY

Prices on all insecticides are subject to change as season advances. Chemical market unsteady.

**ARSENATE OF LEAD (Paste).** The latest and best known insecticide for all leaf eating insects. It adheres to the foliage for weeks, thus doing away with repeated sprayings. There is absolutely no danger of burning or scorching the leaves. Lb., 40c; 5 lbs., \$1.75; 10 lbs., \$2.75; 25 lbs., \$5.75; 50 lbs., \$10.00; 100 lbs., \$18.00.

**ARSENATE OF LEAD (Dry).** For dusting and spraying. Solves the problem of controlling practically all leaf-eating insects in a particularly efficient manner. 1 lb., 60c; 5 lbs., \$2.65; 10 lbs., \$4.50; 25 lbs., \$8.50; 50 lbs., \$15.50; 100 lbs., \$30.00.

**PYROX.** Kills all leaf-eating insects, destroys fungus growth, blight and rot. Mixes easily in cold water, sprays without clogging and sticks to foliage. Price, lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50; 25 lbs., \$5.75; 50 lbs., \$10.00; 100 lbs., \$18.00.

**NIKOTEEN.** Use same as Nicoticide.  $\frac{1}{2}$  pt., \$1.10; pt., \$2.00; 3 pts., \$5.75. Per original case 10 pts., \$18.00.



**PARIS GREEN.** A poisonous insecticide in powder form, for insects which chew. When applied as a powder, use one part Paris Green to 100 parts plaster or flour. As a liquid, one pound of Paris Green in 150 to 300 gallons water; if used on fruit trees add one pound quick-lime. Changes with market.  $\frac{1}{2}$  lb., 35c; per lb., 65c; 5 lbs., \$2.75; 14 lbs., \$6.50.

**SCALECIDE.** An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Qt., 60c; gal., \$1.45; 5 gals., \$6.45; 10 gals., \$11.00.



**SLUG SHOT, Hammond's.** Guaranteed to destroy potato bugs, and those on tomato and egg plants, currant worms, cabbage lice and worms. Price, 1 lb. 20c; 5 lb. package, 60c; 25 to 50 lbs., at 10 $\frac{1}{2}$  per lb. Per keg 125 lbs., \$12.00; barrel, 250 lbs. in bulk, \$23.00.

**Slug Shot Duster.**  $\frac{1}{2}$  gal. size, 60c.

**SULPHATE OF IRON.** A remedy for weeds on lawns, kills dandelions without injuring grass. Liquid should be applied with a fine spray. Full particulars on application. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$2.25.

**SULPHO-TOBACCO SOAP.** One of the best remedies for green fly on roses. Per  $\frac{1}{2}$ -lb. box, 25c by mail, 30c. 3-oz. package, each, 15c; by mail, 20c.

**THRIP JUICE No. 2.** Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 75c; qt., \$1.10; gal., \$3.25.

**TOBACCO DUST, (Regular Grade).** 5 lbs., 30c; 10 lbs., 55c; 100 lbs., \$4.00.

**TOBACCO STEMS.** These prices subject to change without notice, on account of the uncertain supply. Price, 100 lbs., \$2.25; 500 lbs., \$9.00; 1000 lbs., \$17.50.

**TO-BAK-INE.** High strength Nicotine preparation. 1 pt., \$2.35;  $\frac{1}{2}$  gal., \$8.50; 1 gal., \$16.50.

**TREE TANGLEFOOT.** Perfect safeguard for trees. Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25.

**VERMINE.** For eel, cut worms and wire worms, working in the soil. It can be applied to all vegetation. Gal. \$3.00; quart, \$1.00.



**WORM ERADICATOR.** Electric destroyer of worms of every kind at the roots of Trees, Shrubs, Flowers, Grape Vines, Vegetables, etc. Brings worms to surface and rids Golf Grounds of worms without discoloring grass. Use 1 or 2 ounces to 1 gal. of water. 8 oz., 50c; 24 oz., \$1.00; 1 gal., \$4.00; 5 gals., \$17.50.

**X. L. ALL-LIQUID INSECTICIDE.** English preparation, purely nicotine. A spray for white fly, mealy bug, red spider, etc. Price,  $\frac{1}{2}$  gal., \$8.25; 1 gal., \$6.00.

## Prepared Leaves, Sprays and Mosses

SPRAY OF RUSCUS



**RUSCUS, Red and Green.** Fine holiday decorative article, the red having much the appearance of mammoth Salvia blooms. We carry only one grade, and that is the best. Price: Bright scarlet and green, per lb. \$1.25; 5 lbs. at \$1.20; 10 lbs. at \$1.15. Write for prices in larger quantities.

**JAPANESE AIR PLANTS.** Fine decorative material. Splendid for store sales. Our stock is extra choice. Each, 15c; Doz. \$1.10; 100, \$7.50.

**IMMORTELLES, Colored.** White, Purple, Bright Scarlet, Pink, Blue, Light Green; bunch, 65c; doz., \$7.25; 50 bunches, \$27.50. In case lots of 125 bunches, \$53.00 per 100 bunches.

**Natural (Yellow),** bunch, 65c; doz., \$7.25; 50 bunches, \$27.50. In case lots of 125 bunches, \$53.00 per 100 bunches.

**MAGNOLIA, Bronze, Green, Purple.** Most popular leaf ever introduced for wreaths, etc. Will keep indefinitely, and adapted to all weather conditions.

Price, any color per carton, \$1.40; 6 at \$1.35 each.

**OAK LEAVES, Prepared.** Unsurpassed for Wreaths, Garlands, etc. Prepared in Light Autumn Red, Green and Leather-Brown, from selected oak branches.

Price, per carton, \$1.50; 6 cartons, \$1.40 each.

**LYCOPODIUM, Prepared.** 10 lbs. to carton.

Price, per carton, \$3.00; 3 cartons, \$2.85 per carton.

**OAK SPRAYS, Prepared.** Large selected branches in Red, Brown and Green. Price, per lb., 35c; 10 lbs., \$3.00. Write for prices in case lots.

**JAPANESE ROPING, Red and Green.** 60-yd. Bolts. Per Bolt, 65c; doz., \$7.00. Write for prices in Bale lots.

**MASTICA.** (See under Glazing Materials.)

**MATCH-STICKS.** Either natural wood or dyed green. Natural, 5-inch, 80c; 12-inch, \$1.85; 18-inch, \$2.75 per 1000. Dyed green 5-inch, 90c; 12-inch, \$2.00; 18-inch, \$2.95 per 1000.

**GREEN WIRED MATCH STICKS.** 4-inch box of 4,500, \$2.50; 6-inch box of 3,000, \$2.25.

**MATTING, Porto Rico.** These artistic mattings used for decorating all blooming plants.

**Solid Colors.** Per doz., \$2.50.

**MATS. Burlap One Side.** Made of waste wool with Burlap on both sides. Size C, 40x76 inches, each, \$2.25; doz., \$21.00. Size D, 76x76 inches, each \$3.00, doz., \$32.00.

**MOLE TRAPS, Out O'Sight,** \$1.15.

**MOSS (Sphagnum)**—See page 55.

**PAPER.** Prices on Paper subject to Market changes.

**Manilla Tissue.** Regular grade, 24x36 inches, f.o.b. Chicago, ream (400 sheets), \$1.40; 10 reams (4000 sheets), \$12.50; f.o.b. N.Y., ream (480 sheets), \$1.65; 10 reams (4800 sheets), \$15.00.

**American Beauty Tissue.** 24x36 inches, f. o. b. New York, ream (480 sheets), \$1.80; 10 reams (4800 sheets), \$16.25; f.o.b. Chicago, ream (400 sheets), \$1.50; 10 reams (4000 sheets), \$13.50.

**Florists' Pure White Tissue.** 24x36 inches, f. o. b. Chicago, 2000 sheets, \$7.25; 400 sheets, \$1.70; f. o. b. New York, 2400 sheets, \$8.75; 480 sheets, \$2.00.

### PAPER—Continued.

**White Wax.** Medium, 24x36 inches; f.o.b. Chicago, 400 sheets, \$2.50; f.o.b. New York, 480 sheets, \$3.00.

**Green Wax.** Beautiful shade light green, 24x36 in., f.o.b. Chicago, 400 sheets, \$3.00; f.o.b. New York, 480 sheets, \$3.60.

**White Wax.** On rolls; best quality paper. Three sizes: 18 in. approx. wgt., 45 lbs. 24 in. approx. wgt., 50 lbs. 30 in. approx. wgt., 60 lbs. Price, per lb., 28c.

**Waterproof Crepe Paper.** In green, pink, lavender, yellow and purple; per roll, 40c; per doz., \$4.00; carton of 50 rolls, \$15.50.

**Florists' Watermarked Wrapping Paper.** "Say it with Flowers" combining two essentials, Paper and Publicity. Made in two colors bleached white and cloud green Rolls, sizes 24 in. 30 in. 36 in. wide. Price per lb., 13c.

Write for prices in larger quantities.

**POT COVERS, Crepe Paper.** Rubber bands running through them for adjustment on the pot; are without bottom.

	Doz.	100
No. 1—To cover 5 or 6-in. pot	.85	\$5.50
No. 2—To cover 6 or 7-in. pot	1.00	7.50
No. 3—To cover 8 or 9-in. pot	1.35	9.00
No. 4—To cover 10-in. pot	1.50	11.00

### POT HANGER, Kramer's

Only practical device for converting ordinary flower pots into hanging baskets. Fits all standard made pots from 2 to 10-inch.

Price, \$1.50 per doz., by express. Sample doz., by mail, \$1.60.

**POWDER GUN.** (See Dusters.)

**PENCILS, Indelible.** For marking labels. Each, 10c; doz. \$1.00.

**PINS, GREENING**

Adapted for pinning on galax leaves, dagger or fancy ferns, sheet moss, etc. \$2.50 per box of about 11,000.

### PLANT STAKES—A Full Line

#### CANE STAKES.

**Standard Grade.** These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price (if shipped from Chicago), per 100, \$1.45; 500 for \$5.15; per 1000, \$9.00. (If shipped from New York), per 100, \$1.70; 500 for \$6.15; per 1000, \$10.75. Special price on larger lots on application.

**Heavier Grade.**  $\frac{1}{2}$  run 8 to 9 ft.;  $\frac{1}{2}$  9 to 10 ft.; balance 10 to 12 ft. Weight about 250 pounds per 1000. Price (if shipped from Chicago), per 100, \$2.35; 500 for \$9.25; 1000, \$16.50. (If shipped from New York), per 100, \$2.60; per 500, \$10.00; per 1000, \$18.00.

#### Japanese Bamboo Stakes, Plain and Green Painted.

Per 100	Per 1000	Per 100	Per 1000		
1½ feet.....	\$0.60	\$3.50	3 feet.....	\$1.00	\$ 6.00
2 feet.....	.75	4.25	3½ feet.....	1.10	7.50
2½ feet.....	.90	5.00	4 feet.....	1.20	8.75
Natural. 6 ft.	1.50	13.00			

**Pipe Stems,** 4 to 6 ft. long, weight, per 1000, 54 lbs. F.O.B. Chicago, 100 for 90c; 500, \$3.50; 1000, \$6.25.

**Wooden, Green.** Handsome and convenient for Gladiolus, etc.

Per 100	Per 1000	Per 100	Per 1000
Light, 1½ feet.....	\$1.65	Light, 4 feet.....	\$ 7.75
Light, 2 feet.....	2.75	Light, 5 feet.....	9.75
Light, 2½ feet.....	3.85	Heavy, 3 feet.....	7.50
Light, 3 feet.....	5.00	Heavy, 4 feet.....	10.25
Light, 3½ feet.....	6.25	Heavy, 5 feet.....	13.00

**Galvanized Steel Wire Stakes.** Write for latest quotations on quantities. Far superior to wooden stakes and practically indestructible. We supply largest buyers.

No. of Gauge, No. 9 Wire	100	1000	No. 8 Wire	100	1000
1½ feet.....	\$0.75	\$ 5.75	3½ feet.....	\$1.85	\$15.00
2 feet.....	1.00	7.75	4 feet.....	2.10	17.50
2½ feet.....	1.20	10.50	5 feet.....	2.50	22.00
3 feet.....	1.45	13.00	6 feet.....	2.90	26.00

#### PLANT BED CLOTH

A substantial substitute for glass and, being light, can be easily and safely shipped.

**Medium.** 20 yds. and up, per yd., 21c; 60 yds. and up, yd., 19c.

**Heavy.** 20 yds. and up, per yd., 29c; 60 yds. and up, yd., 27c;

We do not sell less than 20 yards of a kind; it comes in 40 and 60-yard lengths. Samples on application.



#### ROLLING STANDS.

Made of wood fibre for heavy plants. Mounted on casters. Each Doz. Each Doz.

12-in.....	\$1.10	\$11.25	18-in.....	\$2.25	\$23.00
14-in.....	1.30	14.50	20-in.....	2.65	27.00

# RIBBONS AND CHIFFONS

## Taffeta, Heavy Grade Brilliant,

	Bolt	Satin Taffeta, All Silk	
	All Colors	Bolt	
No. 12, width 2 in.	\$1.35	No. 12, width 1 1/8 in.	\$1.40
No. 16, width 2 1/4 in.	1.50	No. 16, width 2 1/4 in.	1.60
No. 22, width 2 3/4 in.	1.75	No. 22, width 2 3/4 in.	1.85
No. 40, width 3 in.	2.10	No. 40, width 3 in.	2.15
No. 60, width 3 3/8 in.	2.35	No. 60, width 3 3/8 in.	2.40
No. 80, width 4 in.	2.60	No. 80, width 4 in.	2.75

**Narrow Gauze Ribbon.** Suitable for plant decorations, bridal sprays, etc.; white. No. 2, pattern 1438, spool of 50 yards, \$2.50.

**Prices on pots subject to change without notice**

## NEPONSET PAPER FLOWER POTS

We are western agents for these pots. The cheapest Flower Pots on the market. They are made from Neponset Waterproof Fabric, and for lightness, cleanliness and cheapness have no equal. They are absolutely unbreakable, much lighter in weight than clay and are therefore splendid for shipping plants.

Size, inch	Per 100, New York	Per 1000, f. o. b. Chicago	Original crates	Gross wt. of 1000 pots about
2 1/4	\$0.55	\$ 3.85	1000	12 lbs.
2 1/2	.65	4.55	1000	17 lbs.
3	.90	6.00	1000	23 lbs.
3 1/2	1.15	7.00	1000	35 lbs.
4	1.35	10.00	1000	46 lbs.
5	2.10	15.25	500	80 lbs.
6	2.70	20.00	500	110 lbs.

## FLOWER POTS, Standard Red

We ship in original crates only. Please note the number of pots in crate, as at present labor costs we cannot break bulk.

No. of Pots in crate	Sold in Crate Lots only	No. of Pots in crate
2 in.	1500....\$ 9.25 per 1000	6 in. ....117....\$ 6.60 per 100
2 1/4	1200....11.50 per 1000	7 in. ....99....11.50 per 100
3 in.	800....14.95 per 1000	8 in. ....50....16.15 per 100
4 in.	360....2.85 per 100	9 in. ....28....24.00 per 100
5 in.	240....4.60 per 100	10 in. ....24....31.00 per 100

## AZALEA POTS, also suitable for Boston Ferns

No. of Pots in crate	Per 100	No. of Pots in crate	Per 100
6 inch	117....\$ 6.60	9 inch. ....28....\$24.00	
7 inch	99....11.50	10 inch. ....24....31.00	
8 inch	50....16.15	12 inch. ....6....62.50	

## BULB OR FERN PANS

	Doz. Per 100		Doz. Per 100
5 inch	\$.80 \$4.60	8 inch	\$.25 \$16.15
6 inch	1.00 6.60	10 inch	4.65 31.00
7 inch	1.75 11.50		

## SAUCERS, Fibre

	Doz.		Doz.
5 inch	\$3.85	10 inch	\$5.75
6 inch	4.00	12 inch	6.50
7 inch	4.50	14 inch	8.25
8 inch	5.00	16 inch	14.50
9 inch	5.25	18 inch	17.00

## EARTHENWARE HANGING BASKETS, Terra Cotta

	Each	Doz.		Each	Doz.
7 inch	\$.35	3.25		9 inch	\$.50 \$4.25
8 inch	.45	4.25		10 inch	.70 6.50

## REEDS.

	Per lb.	5 lbs. Per lb.		Per lb.	5 lbs. Per lb.
No. 1	\$1.00	\$0.95		No. 5	\$.70 \$.65
No. 2	.90	.85		No. 6	.70 .65
No. 3	.80	.75		No. 8	.65 .60
No. 4	.75	.70			

**RAFFIA.** Prices subject to change without notice.

**Natural, Best Grade, f. o. b. Chicago, lb., 25c., 5 lb. lots, per lb., 22c; 10 lb. lots, per lb., 20c; 100 lbs., \$15.00. Bale lots (about 225 lbs.), per 100 lbs., \$13.00.**

**Dyed**—(Used for basket work in schools). Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 80c; 5 lbs. at 75c; 10 lbs., at 70c. Sample on application.

We offer only the best grades especially adapted for Florists' use, but can also supply other grades not listed.

**Chiffon, all shades.** In bolts of 35 to 40 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, 5c; 6-inch, per yard, 6c; 10-inch, per yard, 9c.

**Valley Pattern Chiffon.** Pink and white, 6-inch, per yard 7 1/2c. **Dotted Chiffon, all shades.** In bolts of 35 to 40 yards. Sold only in original bolts. 4-inch, per yard, 7c; 6-inch, per yard, 7 1/2c; 10-inch, per yard, 13c.

**No. 1 Baby Ribbon.** Any color. Spool of 50 yards, 85c; doz., \$9.00.

**Corsage Pins, 4-inch; assorted colors.** Per gross, \$2.00.

**Corsage Ties (Cord and Tassels).** Per doz., 60c; per gross, \$6.00.



**SASH, Hot bed.** Unglazed, 3x6 ft., for 3 rows, 10-inch single glass, each, \$2.65; 3 for \$7.65; doz., \$28.80. Glazed, single strength, each \$7.20; doz., \$81.75.

For 38 in. x 6 ft., for 4 rows 8-inch single glass, unglazed, each, \$3.10; 3 for \$9.00; doz., \$34.00. Glazed, each, \$7.60; doz., \$84.75.

**Double Glass Sash,** 3x6 ft., for 3 rows, 10-in. glass, unglazed, each, \$5.45; 3 for \$15.90; doz., \$62.00. Glazed, each, \$12.00; 6 for \$68.00.

Our sash are made of clear air-dried Cypress. Unglazed sash are not painted. Glazed sash are painted one coat.

Add 95c per sash for double-strength glass.

## SAWS, Double-Edged Pruning,

16-in., \$1.30; 18-in., \$1.40; 20-in., \$1.55

### Vaughan's Perfection Pruning.

Made of the best steel with adjustable blade, so any branch can be easily removed close to trunk of the tree. Can be used as a hand saw or fastened to any size pole. Each, \$2.35; 3 for \$6.75. Extra blades, 25c.



**Forester Pruning Saw.** Makes heavy pruning easy and saves time. 26 inches long. Each, \$1.55.

## SHIERS, Pruning.

6-in. \$1.50; 9-in. \$2.00. Extra springs, ea. 15c.

**Levin's Improved.** Most powerful shears made. Each, 85c.

**Henckel Imported Pruning Shears,** with ratchet, 7 1/2 inch. Each, \$2.25; 8 1/2-inch, each, \$2.50; 9 1/2 inch, each, \$3.00.

**Henckel.** Calif pattern, with brass spring. Each, \$3.00.

**Grass.** With thumb guard, for trimming around beds. Each, 40c.

**Border.** Long handle, 9-inch, \$4.50.

**Sheep Shears, all steel.** Best quality, \$1.35.

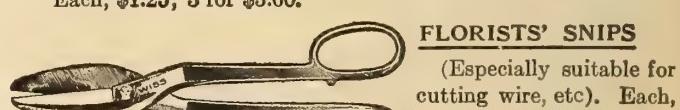
**Hedge.** Best imported. 8-inch, notched, \$3.00; 9-inch, notched \$3.25; 10-inch, notched, \$3.50.

**Buckeye Pruner.** 20-inch handle, \$1.65; 26-inch handle, \$2.00.

**Clyde Draw-Cut Pruner.** 24-inch handle, \$3.25.

**Improved Wire.** For cutting annealed wire.

Each, \$1.25; 3 for \$3.60.



## FLORISTS' SNIPS

(Especially suitable for cutting wire, etc.). Each, \$1.25; 3 for \$3.60.

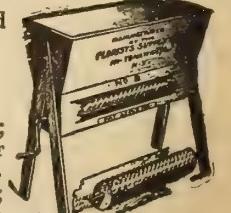
**SICKLE. Grass Hook.** (English, Riveted Back). Each, 75c.

**Domestic Knuckle Saver.** Each, 75c.

**SOD CRUSHERS.**

**No. 1 Machine.** Total height, 46 inches; size of roll, 6x21 inches; suitable for 5,000 feet or less of glass. Each, \$21.00.

**No. 2 Machine.** Total height, 46 inches; size of roll, 6x42; suitable for large establishment. Each, \$31.00.



# SPHAGNUM MOSS

Many of the Sphagnum Moss swamps in the Wisconsin district have been so worked out that the remaining sections contain only old deposits, frequently full of brush, weeds and grass. Our Moss is from one of the largest and cleanest swamps in the Wisconsin cranberry region and the Sphagnum is bright, clean, of new growth, and free from brush or dead moss. Our contract requires the bales to be of the full standard size, which is 45x14x16 inches, solidly packed. We own our moss at right prices, and on a quality basis can meet all competition. The labor situation is favorable and supply is good.

VAUGHAN'S  
CLEAN SPHAGNUM  
FOR FLORISTS

Burlapped Bales

SHEET MOSS, (Fresh Green)—Freshly gathered, for Windows, Wire Baskets, etc., per sack, \$2.25-

## SPRAY PUMPS

**Bink's Spray.** A medium price sprayer constructed of best material and will do good work. Equipped with 3 ft. discharge hose, shut-off cocks, Star spray nozzle and shoulder strap. Works with compressed air. Price ..... \$8.75

**Auto Spray.** Eight to ten strokes compresses enough air to discharge entire contents. Fitted with "Auto Pop" automatic valve, which is closed by the air pressure. In operation a lever is moved, opening the valve and allowing an instantaneous discharge of spray. Price: Galvanized iron reservoir, \$6.00; with Auto Pop, \$6.50; solid copper reservoir, \$9.00; with Auto Pop, \$9.50. Brass Extension Rod, in 2-ft. lengths, each 50c.

**Success Spray Pump.** Excellent for use in gardens, greenhouses and orchards; also for white-

washing and spraying poultry houses.

Price, without pail, \$7.50.

**Auto Spray No. 40.** 12-gal. machine being equipped with a truck, this pump will generate from 150 to 170 pounds pressure to the square inch. Equipment 8 ft.  $\frac{1}{4}$  in. high pressure hose and 2 ft. 8-in. iron extension pipe lever shut-off and latest screen nozzle. Price, \$30.00.

**The Kinney.** Used for spraying liquid manures. Worked by water pressure. Nickelized iron; construction simple. Each, \$2.25.

**Perfection Sprayer.** The tank is made of heavier metal than used for similar sprayers, while the valve and pump are very well made. The hose is attached at such an angle that it will not kink. Unexcelled for Whitewash, Water, Paints, Insecticides. Two styles. Galvanized steel, \$6.50; Solid brass, \$9.50.

**Pneumatic Sprayer.** Compressed air hand sprayer. Cuts labor of ordinary sprayer in half. Will throw a fine mist. Splendid for applying insecticides. 1-quart size. Galvanized Tank; each, \$1.25. Brass Tank; each \$2.00.

**The Lowell.** For applying insecticides in the form of a mist or vapor. The reservoir of this sprayer is made of glass, which enables the operator to see ingredients mixing. Price each, 85c; 3 for \$2.25.

**Daisy Hand Sprayer.** Will spray when held either up or down. Sprays on both strokes of Plunger. Price, each, 90c; should go by express.

We are putting up clean Sphagnum Moss. Buy it and compare with other grading.

**BURLAPPED BALES**—each, \$1.25; 5 bales \$6.00; 10 bales \$11.50; F. O. B. New York, 50c per bale higher. (Size, 45x14x16 inches).

**BURLAPPED BALES.** F. O. B. shipping station in Wisconsin. 25 bales at 75c each.

Write for prices on 50 or 100 bales.

**WIRED BALES**—10 for \$10.00 at Chicago.

We do not carry the Wired Bales in New York.

VAUGHAN'S  
CLEAN SPHAGNUM  
FOR FLORISTS

Wired Bales

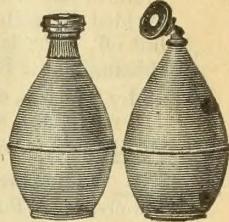
Y Ton and Carload Lots

## SCOLLAY'S FAMOUS FLORISTS' SPRINKLER

### We are General Western Agents

None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other Sprinkler in the market.

Angle Neck, No. 1, large size, 6 in. high, each ..... \$1.25; doz. \$12.00  
Large size, plain top, No. 1, 6 in. high, each ..... 1.25; doz. 12.00  
Medium size, plain top, No. 2, each ..... 1.00; doz. 10.80



## SYRINGES

### English Brass.



	Each
No. 0. Length, 12 $\frac{1}{2}$ in.; 15-16 in. in diam.	\$2.35
No. B. Larger; 13 $\frac{1}{2}$ in. long, 13-16 in. in diam.	3.00
No. C. 14 $\frac{1}{2}$ in. long, 15-16 in. in diam.	3.75
No. D. 15 $\frac{1}{2}$ in. long, 1 $\frac{1}{2}$ in. in diam.	4.00
No. 5. Best for general Greenhouse use.	6.50
No. 12. 14 in. long, 1 in. in diam.	3.75
No. 11. 18 in. long; 1 stream, 2 sprays.	5.25

**THERMOMETERS** (Can be sent by mail at a small extra charge for packing.) 8-in., each, 30c; doz., \$2.75; 10-in., each, 35c; dozen, \$3.00.

**Tin Case. Standard Grade** (tested.) 8-inch, each, \$1.40; 3 for \$4.00.

**Cabinet.** Wood case, metal face. Each, 65c; 3 for \$1.75.

**Self-Registering.** With magnet. 8 in. Each, \$5.50.

**Minimum.** For registering cold during absence and showing present temperature. Each, \$2.00.

**Hot Bed (Mushrooms).** Brass point, wood frame. Each \$2.00

**8 inch Wood Back Thermometer.** Easy reading black oxidized brass scale, range about plus 30 to 120° F., magnifying red spirit tube. This is a very easy reading and popular thermometer for greenhouses. Price, each, 85c; 3 for \$2.25.



**TIN FOIL.** Price subject to change without notice. Terms cash.

**Florist's Foil.** 5, 6 or 7 in., 1 lb., 16c; 10 lbs., \$1.50; 25 lbs., \$3.25; 50 lbs., \$6.00; 100 lbs., \$11.25.

**Violet or Green Foil.** Per lb. 40c; 10 lbs. \$3.80; 25 lbs. \$9.00.

**TOOTH PICKS. Wired.** A time and money saver. These are put up in boxes containing 10,000 wired picks ready for use. Price, \$2.50 per box; case of 50,000, \$11.00.

**Wood.** 1 box, 10c; 3 boxes, 25c; 7 boxes, 50c; 17 boxes, \$1.00; 35 boxes, \$2.00; 1 case, 100 boxes, \$4.75.

**TREE IRRIGATOR** For conveying water and fertilizer to the roots of large trees in parkways, etc. Each \$2.25.

**TREE PRUNERS.** Waters'. 6 ft., \$1.65; 8 ft., \$1.90; 10 ft., \$2.25; [12 ft.] \$2.50. Extra blades, each, 25c.

**TRELLISES. Fan-Shaped.** 18-inch, 50c; 3 for \$1.35; 24-inch, 55c; 3 for \$1.50; 30-inch, 80c; 3 for \$2.25; 3 feet, \$1.25; 3 $\frac{1}{2}$  feet, 21-inch wide, \$1.35; 4 feet, 27-inch wide, \$1.85; 5 feet, 32-inch wide, \$2.25; 6 feet, 38-inch wide, \$2.60; 7 feet, 42-inch wide, \$3.00.

**Veranda.** 18-inch wide, 5 feet, \$2.25; 6 feet, \$2.45; 7 feet, \$2.80; 8 feet, \$3.20; 9 feet, \$3.65; 10 feet, \$3.85.

**TROWELS.** Vaughan's Steel. Absolutely the best trowel in the world. It is one solid piece of steel, and will outwear several of the ordinary sort. Each, \$1.00; 3 for \$2.85; 6 for \$5.40; 12 for \$10.50.

**Ordinary Garden Trowel.** 6-inch, 15c; dozen, \$1.50.

**English Steel.** An excellent trowel, neat and durable, 6-inch, each, 35c; 3 for \$1.00; dozen, \$3.00.

**FLOWER TUBS "Richmond Style."**

These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below. Prices F. O. B. Chicago or New York.



	Inside Top Diameter	Depth.	Price, Each	Four for
No. 1	6 in.	6 in.	\$0.65	\$2.50
No. 3	8 in.	8 in.	.80	2.95
No. 5	10 in.	9 in.	.95	3.60
No. 7	12 in.	11 in.	1.35	5.20
No. 9	14 in.	13 in.	1.85	7.00
No. 11	16 in.	15 in.	2.35	9.00
No. 13	18 in.	17 in.	3.00	11.60
No. 14	19 in.	18 in.	3.70	14.20

If handles are required, add 35c per tub.

**PLANT PAILS**

Made of selected **White Cedar**. Bound with Electric Welded Wire Hoops too strong to break and cannot fall off. The tubs are nicely painted and are well suited for shifting plants from large size pot.

8 by 6 inches, each, \$0.65; 12 for \$7.20; 100 for \$56.00.  
11 by 9 inches, each, .75; 12 for 8.40; 100 for 62.00.



**TURF EDGER American.** With handle, each, \$1.10.

**TWINE "The Queen"** White cotton Twine. For tying parcels, flowers, etc. Put up in 5-lb. sacks. Price, \$2.25.

**Hemp.** - No. 18, for parcels. Per lb., 50c.

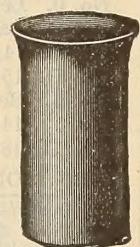
**Jute.** For bunching; 2 or 3-ply. Per lb., 30c; 10 lbs., \$2.50; Per 100 lbs., \$22.00.

**Silkaline.** For stringing Smilax, etc., fast green color, will not fade nor break. FFF, Coarse 2-oz. spools, 1 lb. in box, 8 spools, \$2.00; FF, Medium, 2-oz. spools, 1 lb. in box, 8 spools, \$2.00; F, Fine, 2-oz. spools, 1 lb. in box, 8 spools, \$2.00.

**Florists Thread, Green.** Similar to Silkaline. Samples on application. 2-oz. spools, 25c; 8 spools, \$1.75.

**Tie Spray Green Thread.**

Box of 8 spools, \$1.00.



**VASES Florists' Glazed Fibre.** Furnished in deep, rich brown glaze; absolutely waterproof. Largely used for displaying cut flowers. Can be used for many purposes. More desirable than glass or earthen, because they are light, strong and will not break if dropped. They pay for themselves in a short time.

	Depth Inside	Diameter Inside	Carton Contains	Carton Weighs	Price Per doz.
No. 0	13 in.	8 in.	½ doz.	25 lbs.	\$17.00
No. 1	10 in.	5½ in.	½ doz.	17 lbs.	15.00
No. 2	9 in.	4½ in.	½ doz.	11 lbs.	14.25
No. 3	6 in.	4 in.	½ doz.	7 lbs.	12.25
No. 4	4½ in.	3 in.	½ doz.	5 lbs.	10.25
No. 00	22 in.	9½ in.	1-12 doz.	10 lbs.	53.00
No. 01	20 in.	7 in.	1-12 doz.	7 lbs.	31.00
No. 11	18 in.	5½ in.	½ doz.	30 lbs.	20.00
No. 22	15 in.	4½ in.	½ doz.	16 lbs.	19.00
No. 33	12 in.	4 in.	½ doz.	12 lbs.	16.75

**VASE. Flower Displayer,** (Heavy Glass). Very ornamental, the separate compartments making the arrangement of flowers easy, and displaying them to the best advantage.



Round 4-inch, each,	\$0.60;	3 for.....	\$1.50
5-inch, each,	.90;	3 for.....	2.50
6-inch, each,	1.35;	3 for.....	3.75

Prices subject to changes as Market fluctuates.

**VASE. Green Earthenware Cemetery.**

A strong and ornamental vase, that keeps its color. Each, 40c; per dozen, \$4.00; 3 doz. for \$11.25.



**WATERING POTS. American.** Heavy galvanized round can, 2 copper-faced roses, long spouts. 4-qt., \$3.50; 6-qt., \$3.85; 8-qt., \$4.10; 10-qt., \$4.40; 12-qt., \$4.75.

**French Style.** Oval, otherwise same make as above. 6-qt., \$4.25; 8-qt., \$4.65; 10-qt., \$5.00; 12-qt., \$5.50.

**WEEDERS. Excelsior.** 15c; doz., \$1.60.

Lang's, very useful. Each, 20c; doz., \$2.00.

**Hazeltine Hand.** Each, 30c; doz., \$3.00.

**Wonder.** Each, 70c; doz., \$7.00.

**Piqua Lawn Weeder.** Each, \$1.25.



**Eureka.** The best little hand weeder that we know of for loosening soil around plants. Thin forged steel fingers. Short handled, 45c; long handled, 60c.

**WHEAT SHEAVES. The Kind that Hold their Shape.**

Prices subject to change. For many years we have supplied the trade with **High Grade Wheat Sheaves**; employing as we do a corps of experienced makers in this line, and using the choicest imported wheat enables us to turn out the **Best Sheaf** on the market.

Length, inches	Each
A—15½	\$0.35
B—17	.45
C—19	.65
D—21½	.85
E—24	1.05
F—26	1.45
G—28	1.75
H—30	2.00
I—32	2.50

**WHEELBARROWS**

**Vaughan's Greenhouse.** Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 14 in. wide at wheel end; 16 in. wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The wheel is of steel, 17 inches high, with 2½-inch tread; the axle is 15 inches wide. The barrow is 20 inches wide over all, and is made of the best material. Legs reinforced. Price, each, \$10.00.



**The Globe Barrow.** Measurement of box, 30 in. long, 19 in. wide at wheel, 24 in. at handles. Price with steel wheel \$7.00.

**WIRE.** (Prices subject to change.)

**Bright Annealed.**

Per lb. 6 lbs. 12 lbs.	Per lb. 6 lbs. 12 lbs.
No. 18.. \$0.20.. \$0.75.. \$1.30	No. 26.. \$0.25.. \$1.15.. \$1.90
No. 20.. .20.. .90.. 1.40	No. 28.. .30.. 1.25.. 2.10
No. 22.. .20.. 1.00.. 1.50	No. 32.. .40.. 1.75.. 3.00
No. 24.. .20.. 1.10.. 1.75	

**FLORISTS' CUT WIRE**

Clean, extra soft, white wire, straightened and cut in lengths ready for immediate use, and in a convenient form. 12 lbs. in each box, cut in lengths of 12 or 18 inches.

No.	18	20	22	24	26
Price.....	\$1.50	\$1.70	\$1.85	\$2.25	\$2.75

Double and  
Single  
Wheel Hoes

# IRON AGE

Hill and  
Drill  
Seeders

WE ARE SPECIAL CHICAGO AGENTS

The "Iron Age" is a quality line throughout. The finest materials and latest models.

The "Iron Age" is a complete line, including Wheel Hoes, double and single; Hill and Drill Seeders, Fertilizer Distributors in many sizes and combinations. A great feature is the many combinations that can be made of the same frame.

We do not prepay railroad or delivery charges on any "Iron Age" Implements. Allowing ourselves a very small margin we have cut our prices as low as possible for prompt cash payment—A comparison with others will show our close prices.

### No. 306. Combined Double and Single Wheel Hoe, Hill and Drill Seeder

Four machines in one—a hill seeder, a drill seeder, a double wheel hoe to work astride the rows, a single wheel hoe to work between—each form complete and the equal of any tools on the market made as separate tools for separate purpose. The cut shows No. 306 set up as a seeder—sows accurately in hills at 4, 6, 8 1/2 or 14 ins. apart, or in drills with a quick change from one to the other.

Price, complete, \$18.25.

#### No. 304 Combined Double and Single Wheel Hoe and Drill Seeder.

Like 306, but sows in rows only and has different plow.

Price, \$17.75

### No. 315. Combined Single Wheel Hoe, Hill and Drill Seeder

A thoroughly practical and complete combination. Will accomplish about all the work of No. 306 except that it is a Single Wheel Tool. Takes about same tools and attachments as No. 306. In its Seeder form sows either way, in drills or hills. Has strong malleable iron frame, 16 in. wheel, and is simply and easily changed and adjusted.

Price, Complete, \$14.75.

When wanted as Hill and Drill Seeder only, order No. 316. Price, \$13.25.

#### No. 317. Combined Single Wheel Hoe and Drill Seeder;

is same as No. 315 except that it has no hill dropping device.

Price, \$14.00.

If wanted

as

Drill

Seeder

only, order

No. 318.

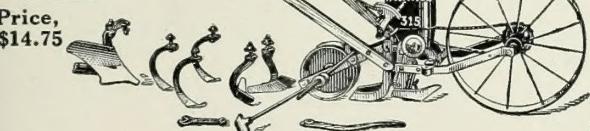
Price,

\$12.75.

#### Special Onion Planter.

For planting seed for big Onions and Sets, No. 318B.

Price,  
\$14.75



### Horse Hoe Cultivator No. 600EL

When used as a cultivator, expands to 30 ins. and close to 14 ins. Can be narrowed to 11 ins. by reversing standards. Has long, high steel frame, that makes the tool run steady and clear of trash. As shown in the cut, has lever expander and lever wheel. Can be furnished with plain wheel.

Price, \$13.00.

Or, with plain wheel and without lever expander.

Price,

\$12.00.

Price,  
Complete,  
\$13.75.



### No. 301. Combined Double and Single Wheel Hoe

This is the Wheel Hoe form of No. 306. Can be made into Single Wheel Hoe in one minute. Cultivate astride the row close up on each side without injury to the plants or between any width rows with hoes reversed. The high wheels make it an easy-running machine. Takes all of the tools shown and various attachments for special work including Drill Attachments to sow in continuous rows or both drills and hills. The latter are \$8.00 and \$9.00 respectively.

If this Wheel Hoe is wanted plain with hoes only, order as No. 303.

Price, \$7.50.

If wanted with rakes order as No. 301R.

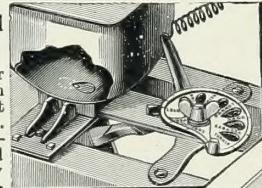
Price,  
\$12.00.



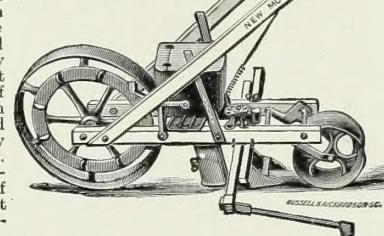
Price,  
Complete  
\$10.75

### New Model Seed Drill

Very popular with seedsmen and market gardeners. Exact regulation of seed discharge by using an eccentric index or indicator which adjusts the slide for seed opening exactly where you want it. Noseries of holes which have to be used whether they answer or not. A swinging cut-off stops flow of seed—does not jam with falling seed.



NEW PERFECT INDEX



New  
Model  
Seed  
Drill

Price,  
Complete  
\$11.75

### Corn Planter—Hand

"The Eagle." This is a rotary planter, having three different sized plates which can be easily changed. Each, \$2.75.

### Cahoon Seeder

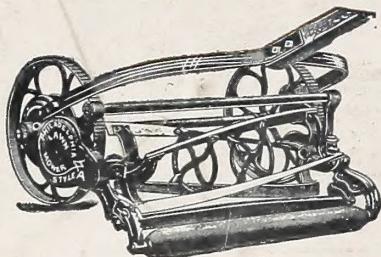
It will seed evenly four to six acres per hour. It will scatter the following distances: Wheat, Barley, Rye, 25 feet; Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight, 5 1/2 lbs.

Price, \$5.25.



# Lawn Supplies for Parks and Cemeteries

## Lawn Mowers



### Philadelphia Lawn Mower

The genuine Philadelphia Lawn Mowers are the recognized standard for high class machines. They are universally used in cemeteries and parks, where they are run constantly, day after day. The ordinary mowers cannot stand such usage. We list the three highest grade machines made by the Philadelphia company. Write for catalog.

**Style A.** High wheel, all steel, very easy to run and light in weight. Ten-inch driving wheels. Long, large bearings, four blades, double ratchet. More of these mowers used by parks and estates than all other makes combined. Three gears on one side.

15 in.	17 in.	19 in.	21 in.
\$20.00	\$22.00	\$24.50	\$26.50

**Style K.** Cylinder with 5 blades. Driving wheel 10 inches. Big bearings, bored with rifle-barrel accuracy. Vanadium crucible steel blades. Very durable. Single pinion gears on both sides.

14 in.	16 in.	18 in.	20 in.
\$15.50	\$17.25	\$18.75	\$20.50

**Graham.** Named for the president of the Philadelphia company. The finest lawn mower made. All steel cylinder, 4 blades. Driving wheels 10 inches. Train of gears for easy running on both sides. Bearings absolutely accurate. Wheels, gears and cylinders can be removed without disturbing other adjustments.

17 in.	19 in.
\$21.00	\$24.00

**Philadelphia Grass Collectors.** Have a galvanized iron bottom and never-rip cloth connections. Always be careful to state size and style of Mower when ordering. 14 and 15-inch, \$2.70; 16 and 17-inch, \$2.80; 18 and 19-inch, \$3.00; 20 and 21-inch, \$3.10.



### The Eagle Philadelphia Horse Lawn Mower

The roller of this Mower is in two sections and is 14 inches high, making the 40-inch machine light work for one horse. Weight, exclusive of shafts, 35 inch, 580 lbs.; 40 inch, 610 lbs. Price (including seats, shafts and side-draft attachment) f. o. b. Chicago or New York: 35-inch cut, \$150.00; 40-inch cut, \$175.00.

N. B.—We can also supply any standard make of Horse Mowers. Write for prices before purchasing.

### Philadelphia Eagle Motor Mower

The most successful motor mower—anyone who knows gasoline mower can operate. Walking type, 30-inch cut; mows  $\frac{1}{4}$ -acre per hour. Riding type, 40-inch cut; mows  $\frac{1}{2}$ -acres per hour. Immediate deliveries. Write for booklet.

### Easy Emptying Grass Catchers

Easily adjusted to any lawn mower. Its strong features a handle which gives a balanced grip and enables catcher to be readily lifted off carried, emptied and quickly set on the mower again. A non-slipping bottom, which prevents the grass from slipping forward while mowing. Round backs, so operator will not strike his toes on square corners.

Style 1G, for mower 12 to 18 inches, long wood handle.....	\$2.10
Style 2G, for mower 16 to 22 inches, long wood handle.....	2.35
Style 23B, for mower 12 to 18 inches (square back), attached to mower by brackets.....	1.40
Style 24G, for mower 18 to 22 inches (square back), attached to mower by brackets.....	1.50



### WATER BARREL, HAND CART, LEAF RACK

#### SPRINKLER ATTACHMENT FOR BARREL

**Adjustable to One Truck Water Barrel.** Can be used for a variety of purposes; barrel can be easily attached or detached from the truck by simply raising or lowering the handles. Barrel with trunnions for attaching to truck. Price, \$7.00

Sprinkler attachment for barrel \$5.75. (Truck extra)

#### Hand Cart.

Used with truck makes a very convenient dumping hand cart. Length, 37 inches; width, 23½ inches; depth, 8 inches. Price \$6.75. (Truck extra).

**Leaf Rack.** Very convenient for the cartage of leaves, cut grass from the lawn, etc. Rack has an average width of 28 in. by 42 in., and is 21 in. deep.

Price \$13.50. (Truck extra)

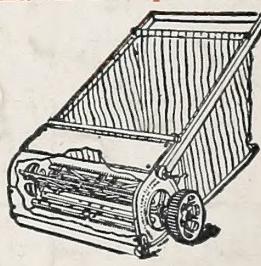
**Price of Truck, No. 2,** steel wheels, 2½ inch tread including trunnions.....\$15.75

### Gem Lawn Sweeper

This machine will clean the lawn more thoroughly and quickly than three or four men with hand rakes, and greatly benefit the turf. Put together in the most durable and thorough manner.

The rakes are flexible, the rake-heads being divided in the middle and hung on easy-swinging hinges which are kept in position by retaining springs. We can guarantee the machine to do good work.

Price, 24-inch wide, each, \$29.00.



### THE RICHMOND SOD CUTTER

A great labor-saver. A whole field can be cut without removing the sod, provided a narrow strip of about one inch in width is taken out at the start.

Price, \$33.00.

### XL. No. 4 Even-Spread Sprinkler

Made substantial and sturdy, red enamel base. Head made of hard white anti-friction metal. Very simple and nothing can get out of order. Its efficiency and low price makes it very popular.

No. 4. Price, each, \$1.00; 3 for \$2.75.

### New XL Sprinkler

This sprinkler throws a very even spray and as far as any. Equipped with a deflector for shutting off the spray from houses, porches or sidewalks, as may be desired. Sprinkles full circle, half and one-third of a circle. May be hung on stretched wire in garden and pulled along without getting operator wet or muddy.

Price, 5 in 1, each, \$2.25; 3 for \$6.50.

### Cyclone Sprinkler

**Three - Arm Lawn Sprinkler,** which can be operated with a moderate pressure, covers a wide area and distributes the water evenly. The revolving arms throw the water in a fine spray into the air and the motion produces a fine mist. Height, about 1 foot. Each, \$2.25; 3 for \$6.50.

### The Evanston Sprinkler

**One of the best lawn sprinklers** on the market; has no revolving parts to wear out and will not clog with sand or dirt. Gives an even distribution of water over a large area. The fineness and symmetry of its spray makes it especially desirable for new lawns and flower gardens. Its location may be changed while under full working head with perfect ease, by the aid of a wire or cord. Weight, 2 lbs. Each, 75c; 3 for \$2.00.

### Lincoln Park or Butterfly

Cheapest and best Sprinkler made. Each, 40c.

Mounted on stand: 2-foot, \$1.00, 4-foot, \$1.10; 6-foot, \$1.20.



### Philadelphia Lawn Trimmer

Does what Lawn Mower leaves undone. Having one side without wheel, it can run close to walls and trees, cutting grass clean and quick. Can also be used for trimming edges of walks, etc.

Price, each, \$7.00, complete.

### Weed Killer

**Herbicide.** For use in clearing grass and weeds from roads, gutters, tennis courts. Use with 20 to 40 parts of water.

½-gal....\$1.10 1-gal....\$1.90 5-gal....\$7.50

### Grass Hooks or Sickles

**English.** Riveted back. Each....75c

**Domestic.** Best quality.....75c



### Scythe Blades

English, riveted back, 30-inch, \$2.75; 36-inch, \$3.25; Scythe Snath, each, \$1.50.

Scythe Stone. Natural, 15c each.

### Lawn Rollers, Water or Sand Weight

Water Ballast Lawn Rollers, steel handles, roller bearings, acetylene welded drums with anti-turf-tearing tires, positively non-rust shut water entrance. The most efficient and easiest running roller that is made.

No.	Diam. in.	Length in.	Sec- tions	Wt., empty	Filled water	Price
1420.....	14	20	1	65	200	\$15.50
1824.....	18	24	1	80	310	19.00
2424.....	24	24	1	115	500	23.00

Filled with sand will weigh about 50 per cent more than with water.